

TSD File Inventory Index

Date: January 8, 2007

Initial: UMK/ma

Facility Name: <u>Amickem Solar Operation (On Solar Site)</u>			
Facility Identification Number: <u>IND 052034402</u>			
A.1 General Correspondence		B.2 Permit Docket (B.1.2)	
A.2 Part A / Interim Status		.1 Correspondence	
.1 Correspondence	<u>Y</u>	.2 All Other Permitting Documents (Not Part of the ARA)	
.2 Notification and Acknowledgment	<u>Y</u>	C.1 Compliance - (Inspection Reports)	<u>Y</u>
.3 Part A Application and Amendments	<u>Y</u>	C.2 Compliance/Enforcement	<u>Y</u>
.4 Financial Insurance (Sudden, Non Sudden)	<u>Y</u>	.1 Land Disposal Restriction Notifications	
.5 Change Under Interim Status Requests		.2 Import/Export Notifications	
.6 Annual and Biennial Reports		C.3 FOIA Exemptions - Non-Releasable Documents	
A.3 Groundwater Monitoring		D.1 Corrective Action/Facility Assessment	
.1 Correspondence		.1 RFA Correspondence	
.2 Reports		.2 Background Reports, Supporting Docs and Studies	
A.4 Closure/Post Closure		.3 State Prelim. Investigation Memos	
.1 Correspondence		.4 RFA Reports	
.2 Closure/Post Closure Plans, Certificates, etc		D. 2 Corrective Action/Facility Investigation	
A.5 Ambient Air Monitoring		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
.2 Reports		.3 RFI Program Reports and Oversight	
B.1 Administrative Record		.4 RFI Draft /Final Report	
		<u>5. RFI QA/P</u>	

Table 1

.6 RFI QAPP Correspondence		.8 Progress Reports	
.7 Lab Data, Soil-Sampling/Groundwater		D.5 Corrective Action/Enforcement	
.8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
.9 Interim Measures Correspondence		.2 Other Non-AR Documents	
.10 Interim Measures Workplan and Reports		D.6 Environmental Indicator Determinations	
D.3 Corrective Action/Remediation Study		.1 Forms/Checklists	
.1 CMS Correspondence		E. Boilers and Industrial Furnaces (BIF)	
.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		F Imagery/Special Studies (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		G.1 Risk Assessment	
.6 CMS Progress Reports		.1 Human/Ecological Assessment	
.7 Lab Data, Soil-Sampling/Groundwater		.2 Compliance and Enforcement	
D.4 Corrective Action Remediation Implementation		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
.3 CMI Program Reports and Oversight		.6 Corrective Action Remediation Study	
.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI QAPP Correspondence		.9 Environmental Justice	
1. [unclear]			

Note: Transmittal Letter to Be Included with Reports.

Comments: One file missing



ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

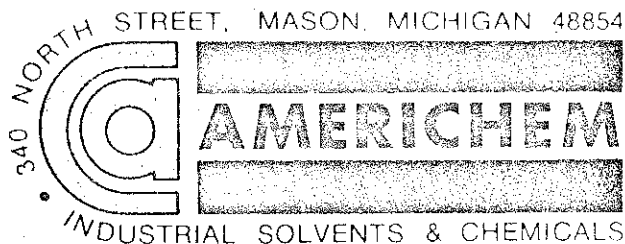
EPA I.D. NUMBER

• MID052034402 REACKNOWLEDGEMENT

INSTALLATION ADDRESS

AMERICHEM CORPORATION
340 NORTH ST
MASON MI 48854

340 NORTH ST
MASON MI 48854



September 29, 1982

Mr. Joseph Boyle
USEPA - Region 5
RCRA Activities
P.O. BOX A-3587
Chicago, Illinois 60690-3587

Dear Joseph,

This is to inform you that Americhem Corporation is no longer storing or hauling any waste products effective February 2, 1981.

We would like our applications for a permit withdrawn for both the Mason facility and the Grand Rapids Plant.

We are currently going through closing procedures. We do not store and have not stored hazardous waste products on these premises since February 2, 1981.

Sincerely,

AMERICHEM CORPORATION

Paul A. Bauman

PAB:jff

April 19, 1982

Mr. Kermit Wheeler
Americhem Corporation
340 North Street
Mason, Michigan

Dear Mr. Wheeler:

On April 7th of this year, Robert Lamere and I visited briefly with you to discuss your company involvement with hazardous waste pursuant to RCRA. You indicated that Americhem no longer generates, transports or treats, stores or disposes of hazardous waste and that you had written EPA requesting them to withdraw your company's hazardous waste notification application.

For our records and so that we would include this information with the inspection report, would you furnish us with a copy of your letter to EPA? If you are able to provide us with this information, please send it to Emergency Response & Waste Hauler Licensing Section, Box 30028, Lansing, Michigan 48909.

If you have any questions, please contact me any time at (517) 373-2794.

Sincerely,

WATER QUALITY DIVISION

Richard N. Lundgren
Emergency Response Section

RML/ej

cc: RCRA File

R. Lundgren

J. Kraft

C. Riley ✓

U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

PLEASE PLACE LABEL IN THIS SPACE

000043 AUG 27 80

FOR OFFICIAL USE ONLY

COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED
(yr., mo., & day)

FMID052034402

T/A C

21

800827

I. NAME OF INSTALLATION

AMERICAN CHEMICAL CORPORATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3340 NORTH ST.

CITY OR TOWN

MASON

ST.

ZIP CODE

MI

48854

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

340 NORTH ST.

CITY OR TOWN

MASON

ST.

ZIP CODE

MI

48854

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)

BAUMAN PAUL SALES MGR

PHONE NO. (area code & no.)

517-676-9363

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

TIGNER WARD GALAMBOS ROBERT

B. TYPE OF OWNERSHIP
(enter the appropriate letter into box)F = FEDERAL
M = NON-FEDERAL

M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

☐ A. GENERATION☒ B. TRANSPORTATION (complete Item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☒ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION☐ B. SUBSEQUENT NOTIFICATION (complete Item Q)

C. INSTALLATION'S EPA I.D. NO.

FMID052034402

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

W	M	I	D	0	5	2	0	3	4	4	0	2	2	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)
A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
7	8	9	10	11	12
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
K 0 78					
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
19	20	21	22	23	24
F 0 01					
25	26	27	28	29	30
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
4 0 02	4 2 10	4 2 28			
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
37	38	39	40	41	42
4 1 12	4 2 20	4 2 39			
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
43	44	45	46	47	48
4 1 59	4 2 26				
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE
(D001)

☐ 2. CORROSIVE
(D002)

☐ 3. REACTIVE
(D003)

☒ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE



NAME & OFFICIAL TITLE (type or print)

PAUL A. BAUMAN SALES MGR.

DATE SIGNED

8-15-80

FORM 1
GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
GENERAL INFORMATION
Consolidated Permits Program
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

II. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GE. INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP AMERICHEM CORPORATION

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title) BAUMAN PAUL SALES MGR

B. PHONE (area code & no.) 517 676 9363

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX 340 NORTH STREET

B. CITY OR TOWN MASON

C. STATE MI **D. ZIP CODE** 48854

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER 340 NORTH STREET

B. COUNTY NAME LINGAM

C. CITY OR TOWN MASON

D. STATE MI **E. ZIP CODE** 48854

F. COUNTY CODE (if known)

VIII. OPERATOR INFORMATION

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)				D. PHONE (area code & no.)			
F = FEDERAL	M = PUBLIC (other than federal or state)	P (specify)	C	A	5 1 7	6 7 6	9 3 6 3
S = STATE	O = OTHER (specify)						
P = PRIVATE							

26															25														
F. CITY OR TOWN															G. STATE					H. ZIP CODE					IX. INDIAN LAND				
B M A S O N															M I					4 8 8 5 4					Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
15 16 - 40															41 42					47 - 51					52				

X. EXISTING ENVIRONMENTAL PERMITS																																
A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)																						
C	T	I								C	T	I																				
9	N									9	P																					
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)																						
C	T	I								C	T	I								(specify)												
9	U									9			3	6	8	-	1	2						MICHIGAN DNR WASTE HAULER								
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
C. RCRA (Hazardous Wastes)										E. OTHER (specify)																						
C	T	I								C	T	I								(specify)												
9										9																						
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

DISTRIBUTOR OF SOLVENTS CHEMICALS AND OILS

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
PAUL A BAUMAN Sales mgr	<i>Paul A Bauman</i>	11-26-1980

COMMENTS FOR OFFICIAL USE ONLY	
c	
C	

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☐ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

YR. MO. DAY

8 7 28

2. NEW FACILITY (Complete item below.)

YR. MO. DAY

78 2 28

B. REVISED APPLICATION (place an "X" below and complete Item I above)

☐ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS		T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	SURFACE IMPOUNDMENT	T03	TONS PER HOUR OR METRIC TONS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	INCINERATOR	T04	GALLONS PER HOUR OR LITERS PER HOUR
Disposal:					
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

DUP														
LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY					
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				1. AMOUNT	2. UNIT OF MEASURE (enter code)						
X-1	S02	600	G		5									
X-2	T03	20	E		6									
1	S01	8250	G		7									
2					8									
3					9									
4					10									

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE **CODE**
 POUNDS P
 TONS T

METRIC UNIT OF MEASURE **CODE**
 KILOGRAMS K
 METRIC TONS M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	0054	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

EPA I.D. NUMBER (enter from page 1)										FOR OFFICIAL USE ONLY									
WMID 05 203 4402										W 1 2 DUP									

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

1	2	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES															
		23	24	25	26			1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
1		F	0	0	1	12000	G	S	0	1													
2		F	0	0	3	4000	G	S	0	1													
3		F	0	0	5	4000	G	S	0	1													
4		U	0	0	2	4000	G	S	0	1													
5		U	0	4	3	8000	G	S	0	1													
6		U	2	1	0	4000	G	S	0	1													
7		U	1	5	9	4000	G	S	0	1													
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243

*sent 10/22/80
K. Hammer*

August 27, 1980

MID 052 034 402 motif, Pt
T, TSD

EPA Region V
RCRA Activities
P.O. BOX 7861
Chicago, Il. 60680

Dear Sir,

I was only recently made aware of the Resource Conservation and Recovery Act and the deadline for notification of August 18, 1980. I therefore apologize for the delay.

I would like to request Part A of the permit application and any other information pertaining to the transporting and storage of Hazardous Reclaimable Waste.

Sincerely,

AMERICHEM CORPORATION

Paul A Bauman

Paul A. Bauman
Sales Manager

PAB:jf

MAIL THE COMPLETED FORM TO: The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM		
1. Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	Reason for Submittal: <input type="checkbox"/> To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). <input type="checkbox"/> To provide subsequent notification (to update site identification information). <input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application. <input checked="" type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____). <input checked="" type="checkbox"/> As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (see instructions on page 11)	EPA ID Number: <u>M I D 0 5 2 0 3 4 4 0 2</u>		
3. Site Name (see instructions on page 11)	Name: <u>Americhem Sales Corporation</u>		
4. Site Location Information (see instructions on page 11)	Street Address: <u>340 North St.</u>		
	City, Town, or Village: <u>Mason</u>	State: <u>Mi</u>	
	County Name: <u>Ingham</u>	Zip Code: <u>48827</u>	
5. Site Land Type (see instructions on page 11)	Site Land Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (see instructions on page 11)	A. <u>422690</u>	B. <u>324191</u>	
	C. <u>324110</u>	D. <u>484121</u>	
7. Site Mailing Address (see instructions on page 12)	Street or P. O. Box: <u>P.O. Box 235</u>		
	City, Town, or Village: <u>Mason</u>		
	State: <u>Mi</u>		
	Country: <u>U.S.</u>	Zip Code: <u>48827</u>	
8. Site Contact Person (see instructions on page 12)	First Name: <u>James</u>	MI: <u>0</u>	Last Name: <u>Nelson</u>
	Phone Number: <u>517-676-9363</u>	Phone Number Extension: <u>N/A</u>	
9. Legal Owner and Operator of the Site (see instructions on pages 12 and 13)	A. Name of Site's Legal Owner: <u>Americhem Sales Corporation</u>		Date Became Owner (mm/dd/yyyy): <u>05-04-1998</u>
	Owner Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
	B. Name of Site's Operator: <u>James O. Nelson</u>		Date Became Operator (mm/dd/yyyy): <u>05-04-1998</u>
	Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		

EPA ID No. M10052034402**10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16)****A. Hazardous Waste Activities****1. Generator of Hazardous Waste**

(choose only one of the following three categories)

- ☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

- ☐ d. United States Importer of Hazardous Waste
- ☐ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

- ☐ 2. Transporter of Hazardous Waste
- ☒ 3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: A hazardous waste permit is required for this activity.
- ☐ 4. Recycler of Hazardous Waste (at your site) Note: A hazardous waste permit may be required for this activity.
5. Exempt Boiler and/or Industrial Furnace
- ☐ a. Small Quantity On-site Burner Exemption
- ☐ b. Smelting, Melting, Refining Furnace Exemption
- ☐ 6. Underground Injection Control

B. Universal Waste Activities**1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):**

	<u>Generated</u>	<u>Accumulated</u>
a. Batteries	<input type="checkbox"/>	<input type="checkbox"/>
b. Pesticides	<input type="checkbox"/>	<input type="checkbox"/>
c. Thermostats	<input type="checkbox"/>	<input type="checkbox"/>
d. Lamps	<input type="checkbox"/>	<input type="checkbox"/>
e. Other (specify) <u>Solvent</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
f. Other (specify) <u>Chemical</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
g. Other (specify) <u>Oil</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

☐ 2. Destination Facility for Universal Waste

Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities**1. Used Oil Transporter - Indicate Type(s) of Activity(ies)**

- ☐ a. Transporter
- ☐ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)

- ☐ a. Processor
- ☐ b. Re-refiner

☐ 3. Off-Specification Used Oil Burner**4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)**

- ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (see instructions on pages 16 and 17)**A. Waste Codes for Federally Regulated Hazardous Wastes.** Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

<u>D001</u>						
<u>D018</u>						
<u>F003</u>						
<u>F005</u>						

D001						
D018						
F003						
F005						

[illegible]

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
<i>James C. Nelson</i>	James C. Nelson	2-12-02
<i>Bruce L. Wetter</i>	Bruce L. Wetter	2-12-02

EPA ID NO: MD0052034402



2001 Hazardous Waste Report

FORM
GM

WASTE GENERATION AND MANAGEMENT

Over \rightarrow



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590
MAY 21 2014

REPLY TO THE ATTENTION OF:

Mr. James Nelson
Director of Technical Services
Americhem Sales Corporation
340 North Street
Mason, Michigan 48854

Re: Americhem Sales Corporation
EPA I.D. No.: MID052034402

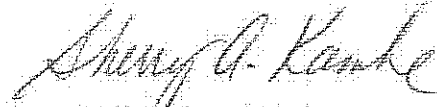
Dear Mr. Nelson:

On February 25, 2014, representatives of the U.S. Environmental Protection Agency and the Michigan Department of Environmental Quality (MDEQ) inspected the Americhem Sales Corporation located in Mason, Michigan. In response to a violation of the Resource Conservation and Recovery Act identified during the inspection, we issued a Notice of Violation to you on April 9, 2014. Subsequent to our Notice of Violation you submitted additional information regarding the identified violation in correspondence dated May 9, 2014.

This letter is to inform you that EPA has reviewed the referenced response, and does not plan additional enforcement action at this time. This letter does not limit the applicability of the requirements evaluated, or of other federal or state statutes or regulations. EPA and the MDEQ will continue to evaluate your facility in the future.

If you have any questions or concerns regarding this matter, please contact Brian Kennedy, of my staff, at (312) 353-4383.

Sincerely,


Gary J. Victorine, Chief
RCRA Branch

cc: Bryan Grochowski, MDEQ – (grochowskib@michigan.gov)
John Craig, MDEQ – (craigj@michigan.gov)
Lonnie Lee, MDEQ – (leel@michigan.gov)

May 9th, 2014

Mr. Brian Kennedy

USEPA, Region 5

77 West Jackson Boulevard, LR-8J

Chicago, Illinois 60604

Re: Letter received – April 11th, 2014

Compliance Evaluation

EPA ID # MID052034402

Mr. Kennedy:

Americhem Sales Corporation (ASC) has taken a composite sample of our line wash representing 20% of the drums we have at this time. This sample was sent out for testing (see attached). As the testing shows the codes we have been using for our waste are correct.

A copy of this dated testing will be kept in our file for 2014, testing of this type will be done once per year to be added to the current year file. This will bring ASC compliant with all regulations. If you have any further questions or comments please feel free to contact me by phone or e-mail.

Thank you for your assistance and guidance.

Sincerely,

James Nelson

Technical Services Director

Americhem Sales Corporation

340 North St.

Mason, MI 48854

Phone: 517-676-9363

e-mail: nelson@americhemsales.com

CC/ B. Whetter



- Report of Analytical Services -

Submitter:

ECO Partners, LLC.
PO Box 281
Petersburg, MI 49270

Report Date: 5/9/2014**Phone:** (734) 777-5053**FAX:** (206) 338-2652**Attn:** Ron Seaman**P.O. Number:** Received**RTI Lab#:** 1404C50-001A**Client Sample ID:** Material: Americhem**Client #:****Sample Type:** Product Assay**Sample Receipt Date:** 4/30/2014

Certificate of Analysis

Parameter	Result
PH (pH units)	7.1
Specific Gravity (Lbs/gallon)	6.59
Color (APHA cobalt)	0
Odor	Strong aromatic
Appearance	Colorless clear liquid
Total Suspended Solids (mg/L)	2.2
Total Dissolved solids (mg/L)	293
Water Content (% w/w KF)	0.104
Composition (by GC/MS)	4.5% Alcohol blend (methanol, ethanol, propanol) 4% Acetate blend (methyl, propyl, butyl) 1.5% Acetone 2% methyl ethyl ketone 15% aliphatic lactol spirits 12% toluene 5% xylenes 50% aliphatic mineral spirits 6% benzyl benzoate

Approved By **Lloyd Kaufman**
Director of Materials Sciences

The data and information presented herein, while not guaranteed, are to the best of our knowledge accurate and true. No warranty or guarantee implied or expressed is made regarding these analytical results, since securing and properly preserving representative samples and since sample custody chains are beyond RTI control. The results provided by RTI are neither intended to suggest product merchantability, nor for use in infringement of any existing patent. RTI will not assume any liability or responsibility for any such infringement. Alteration or reproduction other than in its entirety is not authorized by RTI Laboratories, Inc. It is implied that one or all of the parameters reported herein are not covered by accreditation scope. Accreditation scope documents can be inspected at www.rtilab.com or are available by request. A 2LA certificate numbers 570.01 and 570.02. The recording of False, Fictitious or Fraudulent Statements or entry on this document may be punishable as a Felony under Federal statute. All testing performed under RTI quality manual 1-QAO-001 rev L issued Dec. 2008 and has been audited and deemed compliant to ISO Guide 17025 rev. 2005.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 09 2014

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL 7009 1680 0000 7663 5875
RETURN RECEIPT REQUESTED

Mr. James Nelson
Director of Technical Services
Americhem Sales Corporation
340 North Street
Mason, Michigan 48854

Re: Notice of Violation
Compliance Evaluation Inspection
EPA ID #: MID052034402

Dear Mr. Nelson:

On February 25, 2014, representatives of the U.S. Environmental Protection Agency and the Michigan Department of Environmental Quality inspected the Americhem Sales Corporation facility (hereinafter "Americhem" or "facility") located in Mason, Michigan. The purpose of the inspection was to evaluate Americhem's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. § 6901 *et seq.*, and its implementing regulations; specifically, the regulations governing the generation, treatment, storage, and disposal of hazardous waste. We have enclosed a copy of the inspection report and checklist for your reference.

Based on the observations of the inspector, information provided by Americhem personnel, and a review of records, EPA finds that Americhem is in violation of the requirements applicable to generators of hazardous waste set forth in the Michigan Administrative Code (MAC) and the United States Code of Federal Regulations (CFR). Specifically, EPA finds that Americhem failed to meet the requirements of a hazardous waste generator, and is in violation of the following regulation:

1. A person who generates a solid waste as defined in MAC R. 299.9202 [40 CFR § 261.2] must determine if that waste is a hazardous waste by using the following methods: (a) determine if the waste is excluded from regulation under rule MAC R. 299.9204 [40 CFR § 261.4]; (b) determine if the waste is listed as a hazardous waste in rules MAC R. 299.9213 and R. 299.9214 [Subpart D of 40 CFR § 261]; and (c) determine whether the waste is identified in rules MAC R. 299.9212 [Subpart C of 40 CFR § 261] by testing the waste or applying knowledge of the waste in light of the materials used. *See* MAC R. 299.9302(1) [40 CFR § 262.11(a)-(c)].

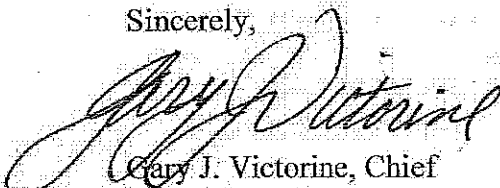
A generator must keep records of any test results, waste analyses, or other determinations made in accordance with MAC R. 299.9302(1)[40 CFR § 262.11] for at least three years from the date that the waste was last sent for treatment, storage or disposal. See MAC R. 299.9308(6)(a) [40 CFR § 262.40(c)].

Americhem generates hazardous waste in the form of spent scale house pump wash, which is derived from the collection of solvent drippings, and off-specification "Amlac 2910," a general solvent blend the facility also produces by collecting waste solvents. On Americhem's hazardous waste manifests, both materials are given the waste codes D001, D018, D035, F003 and F005. At the time of inspection, Americhem personnel indicated the scale house pump wash and off-specification Amlac 2910 were given those waste codes based on the solvent mixtures that could potentially be present in each waste. As an example of the solvents present in its hazardous waste, Americhem presented an undated document which displayed the percent composition of each solvent in a previous Amlac 2910 sample. However, Americhem could not present any test results, waste analyses, or other determinations that both the scale house pump wash and Amlac 2910 meet the definition of D001, D018, D035, F003 and F005 hazardous wastes. Americhem, therefore, failed to maintain records of its hazardous waste determinations and is in violation of the abovementioned requirement.

Under Section 3008(a) of RCRA, EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above requirements.

You should submit your response to Brian Kennedy, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, please contact Mr. Kennedy, of my staff, at (312) 353-4383.

Sincerely,



Gary J. Victorine, Chief
RCRA Branch

Enclosure

cc: Bryan Grochowski, MDEQ (grochowskib@michigan.gov)
John Craig, MDEQ (craigj@michigan.gov)
Lonnie Lee, MDEQ (leel@michigan.gov)



U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5, Land and Chemicals Division
RCRA Branch, LR-8J
77 West Jackson Boulevard
Chicago, Illinois 60604

COMPLIANCE EVALUATION INSPECTION REPORT

INSPECTION DATE: February 25, 2014

SITE NAME: Americhem Sales Corporation

ADDRESS: 340 North Street
Mason, Michigan 48854

EPA ID NUMBER: MID052034402

GENERATOR STATUS: Small Quantity Generator

NAICS CODE: 32511 – Petrochemical Manufacturing
325998 – All Other Miscellaneous Chemical Product and
Preparation Manufacturing

FACILITY CONTACT: James Nelson
Director of Technical Services

EPA INSPECTOR: Brian Kennedy
Environmental Engineer
Compliance Section 2
RCRA Branch
Land and Chemicals Division

PREPARED BY:

Brian Kennedy
Brian Kennedy

3/20/2014
Date

ACCEPTED BY:

Julie Morris
Julie Morris
Chief, Compliance Section 2

3/25/14
Date

Purpose of Inspection

An unannounced Compliance Evaluation Inspection (CEI) of Americhem Sales Corporation (hereinafter “Americhem” or “facility”) located at 340 North Street, Mason, Michigan took place on February 25, 2014. The CEI was conducted by U.S. Environmental Protection Agency and Michigan Department of Environmental Quality (MDEQ) personnel and was an evaluation of the facility’s compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA) and its implementing regulations found in the Michigan Administrative Code and the Code of Federal Regulations. More specifically, the CEI was an evaluation of Americhem’s compliance with those regulations governing small quantity generators of hazardous waste.

Participants

The following persons were present for part or all of the inspection:

James Nelson – Director of Technical Services	Americhem
Kevin Battle – Director of Operations	Americhem
Bryan Grochowski – Environmental Specialist	MDEQ
Brian Kennedy – Environmental Engineer	U.S. EPA

Introduction

I arrived on site with Bryan Grochowski of MDEQ at 9:00 AM EST. We entered the main office and asked the receptionist to see the facility environmental coordinator or safety manager. Soon afterward, we were introduced to Mr. Kevin Battle, Americhem’s Director of Operations. We proceeded to a nearby conference room where I presented Mr. Battle my enforcement officer credentials and business card. Mr. James Nelson, Americhem’s Director of Technical Services, arrived to the conference room shortly afterward. I described the purpose of the U.S. EPA lead RCRA inspection and the process by which I would conduct the inspection, including a facility walk-through which would include photographs of hazardous waste storage areas, as well as a review of Americhem records pertaining to hazardous waste.

I provided Mr. Nelson the EPA Small Business Resources and Pollution Prevention information sheets and informed him of the right to make a confidential business information claim over any information collected during the inspection.

Site Description

The following information about Americhem is based on personal observations of the EPA inspector and on representations made during the inspection by facility personnel identified above or within the text unless otherwise specified.

Originally opened in 1975, Americhem Sales Corporation specializes in the formulation and distribution of bulk chemicals and lubricants. Americhem formulates a variety of lubricants, including hydraulic, cutting, and motor oils, as well as glycols. Americhem also formulates a variety of solvent blends from general cleaners to paint thinners. The facility has 25 employees, including salespersons and truck drivers, and is currently owned by Invigil, Inc.

Overall, Americhem produces around 640 different product blends, each of which has a Material Safety Data available. Some of Americhem's most popular products include mineral seal oil, toluene, xylene, mineral spirits, Nap 100, and bright stock oil. Americhem generally sells its chemicals and lubricants to other distributors, who then sell to a variety of industries that conduct metal grinding, cutting, or processing or painting operations. The facility does not take in any waste materials or used oils to process into products.

The facility is comprised of a main office building attached to warehouses A, B, and C, a tanker truck scale house, a solvent tank farm, and an additional warehouse D for blending and storage. Warehouses A and B are used for storage of lubricants and other oil-based products, and contains Americhem's hazardous waste storage area. Warehouse C houses Americhem's oil blending area as well as bulk oil and precursor storage. The tanker truck scale house has two certified truck scales which are used to offload solvents and solvent mixtures to the nearby solvent tank farm. The scale house and the scales themselves are designed within a large containment structure to prevent a spill from migrating from the property. The solvent tank farm has 19 active tanks, all within containment, that are filled via piping from the scale house. The tanks in the solvent tank farm are then pumped to Warehouse D, where solvent blending occurs and solvent products are stored in bulk.

There are two smaller buildings on site which house a groundwater treatment system due to historic contamination from underground storage tanks. No underground storage tanks currently exist on site. The groundwater treatment system is operated by the MDEQ through a waste contractor, and hazardous wastes are regularly generated by the operation. A separate hazardous waste generator identification number (MIK656645892) has been created for the waste generated by the treatment operation. Under a new ownership agreement in 1998, Americhem received a covenant not to sue by MDEQ for the previous groundwater contamination.

In Warehouse C, Americhem formulates its oil-based products by blending a variety of additives and precursors with oils and lubricants. When Americhem receives a customer request for a known product, the facility refers to a "recipe" record which displays the percentages of each additive and chemical necessary to fulfill the customer's need. Employees add the additives and oils to one of several blending tanks, depending on the batch size, and apply heat and mix. When ready, the blend is pumped into totes or drums for sale. The blending tanks are occasionally cleaned and the oil and lubricant rinsate is collected in nearby in-ground sumps. Americhem generally sells the blending tank rinsate as form oil. Americhem maintains a large, contained oil and lubricant storage area in Warehouse C, with numerous 20,000 gallon storage tanks. Chemicals are removed from these tanks when needed for blending.

Similar to Warehouse C, the solvent blending process in Warehouse D utilizes several large blending tanks. Solvents are pumped from the nearby solvent tank farm and blended to the desired ratio, depending on the customer's request. The finished product is pumped into totes and drums and stored in the warehouse prior to sale. Solvent blending tank rinsate and drippings are collected and sold as "Amlac 2910," a general solvent cleaning blend. Americhem tests the Amlac 2910 prior to sale, and if the material is off-color in appearance or off-specification in its solvent blend, the material is sent off-site as hazardous waste. Given the solvents potentially

present in the material, Americhem has characterized all Amlac 2910 waste as D001, D018, D035, F003 and F005 hazardous waste.

In the scale house, tanker trucks offload solvents to the solvent tank farm through several pump connections on the west side of the building. Each pump connection is labeled and corresponds to one of the 19 active tanks in the solvent tank farm. A large steel tray is placed underneath the pump connections to collect any solvent drip or spills while the trucks are offloading. The tray drains into a nearby bucket and the bucket is then emptied into an adjacent steel tank. The solvent mix in the steel tank is used as a general purpose cleaner for the tanker trucks and pump lines. When the material is spent and dirtied, Americhem drains the tank into drums and sends the material off-site as a hazardous waste. Given the solvents potentially present in the material, Americhem has also characterized this scale house pump wash as D001, D018, D035, F003 and F005 hazardous waste.

Hazardous waste generated by the solvent blending process, waste Amlac 2910, and the scale house pump wash, as well as any hazardous waste generated by MDEQ's groundwater treatment contractor, is taken to the hazardous waste storage area in the southwest corner of Warehouse A. Hazardous wastes are removed by Heritage Crystal Clean and taken to Petro-Chem Processing Group in Detroit. Americhem reported as a Large Quantity Generator of hazardous waste in 2010 and 2012. In 2010, an explosion of a tanker truck in the scale house generated large volumes of wastewater and soils that were managed as hazardous waste. Since 2012, Americhem has generated less hazardous waste, and currently generates hazardous waste in quantities to be considered a Small Quantity Generator.

Americhem employees use radios to communicate and the facility is equipped with an alarm system. Fire extinguishers are available throughout the site and serviced by DeLau Fire Services and emergency drills are conducted on a regular basis. The scale house and warehouse storage areas are also equipped with overhead fire suppression systems. Americhem generates some used oil during oil changes of its tanker trucks. Any used oil is also stored in the hazardous waste storage area. Americhem contracts with an electrician to remove spent light bulbs, and spent car batteries generated by its tanker trucks are traded back to the supplier.

Facility Walk-Through

Mr. Grochowski and I were led through the facility by Mr. Nelson and Mr. Battle. The walk-through started in the quality control laboratory, adjacent to the initial conference room. There were several dozen jars of various chemicals and oils on the laboratory counter. Mr. Nelson explained that Americhem keeps 8 ounce sample jars of the chemicals and oils that it sells for a minimum of one year. That way, Americhem has a basis of comparison in case a customer has an issue with a product. When a sample is no longer needed, employees empty the unnecessary chemicals into a 55-gallon drum that is then taken to the hazardous waste storage area. Mr. Nelson explained that Americhem stores its product sample jars in Warehouses A or B, depending on their flammability.

The inspection continued to Warehouse C, where Mr. Battle explained the oil blending process. He first pointed out the non-flammable sample jar storage room, a small area off the warehouse production floor. There were hundreds of sample jars stacked on shelves and each jar was

labeled. Back in the warehouse were numerous 55-gallon drums of additives and precursor chemicals, the materials added as needed to whatever the customer "recipe" requires. Mr. Battle pointed out several blending tanks, which vary in size from 350 to 10,000 gallons. He also showed a sample recipe for an Americhem product, and the percentages of each chemical needed to make the product. He said the blending tanks have mild heating capabilities which help the blending process. For example, the sample recipe he displayed required that blending occur at 115°F. Mr. Battle also pointed out the collection pits in the warehouse near the blending tanks, which collect some of the drippings and rinsate from the blending tanks. He said this material is sold as form oil. Mr. Battle next led us to the eastern side of Warehouse C, where Americhem keeps bulk storage of oil and other chemicals. Most of the tanks in the area were 20,000 gallons. The rooms in which the tanks are placed act as secondary containment, and the containment area was clean at the time of inspection.

Outside of Warehouse C, Mr. Nelson pointed out the buildings used by MDEQ to treat the contaminated groundwater. There was an additional building which housed an old incinerator, but Mr. Nelson said the incinerator hadn't been in use for years. Mr. Battle pointed out the safe house, a small shed between the tank farm and scale house. Mr. Battle said the safe house is used to control the electric power and diesel generators for the facility. Americhem has a 12,000 gallon diesel fuel tank in secondary containment just west of the scale house. Mr. Grochowski and I briefly walked around the solvent tank farm. The secondary containment was mostly full with ice and snow. The tanks appeared to be in good condition, and the piping leading from the scale house and headed to Warehouse D was clearly labeled.

At the scale house, Mr. Battle explained the offloading process. The tanker truck arrives and parks in one of two certified scales. The secondary containment underneath the scales totals around 18,000 gallons. Each individual pump connection that leads to the solvent tank farm is labeled and has a specific lock and key before it can be used. The keys are kept in a separate room. Once the truck connects to the pump input, the pump itself must be electrically grounded before it can function. There was a list nearby that summarized the contents of each tank in the tank farm. Mr. Battle said that Tank 15, which did not have any labeled contents, was lost in the 2010 fire.

Underneath the pump connections was the steel tray used to collect any leaking solvents or chemicals. There were no free liquids observed on the tray or in the nearby bucket during the inspection. Mr. Battle pointed out the tank which accumulates the leaked solvents and uses them as pump and truck cleaner (See Photo 1 in Attachment A: Inspection Photographs). The contents of the tank are drained into 55-gallon drums and taken to the hazardous waste storage area when the material is no longer useful.

The inspection continued to Warehouse D, where Americhem was storing several dozen totes and drums of solvent product waiting for shipment. Mr. Battle briefly explained the solvent blending process. The east side of Warehouse D had two 10,000 gallon blending tanks that receive solvents and chemicals from the nearby tank farm. Similar to the oil-blending process, Americhem adds the specific percentages of solvents and chemicals to make the desired product. Any leaked solvents and solvents used to flush pump lines in the area are collected and sold as Amlac 2910. Mr. Nelson said any Amlac 2910 that is off-specification is sent off as hazardous

waste. There was a trailer of empty drums on the north side of Warehouse D. Mr. Battle said that customers of Americhem send their empty containers back to the facility. Americhem then sends those containers to a third-party for cleaning, and the containers come back certified clean and ready for reuse. There was no hazardous waste observed in Warehouse D.

The walk-through continued back the main building into Warehouse A. There were hundreds of totes and drums of Americhem's oil-based products ready for shipment. Mr. Nelson pointed out the hazardous waste storage area, a small area with a concrete berm in the southwest corner of the building. There were four drums with hazardous waste labels, but they were all marked as hazardous waste from MDEQ's groundwater treatment contractor. Those drums were labeled as "MDEQ – Former Americhem Corporation" and had the generator identification number MIK656645892 (See Photo 2). The drums were marked with D001, D018, D039, D040, D022, and D029 hazardous waste codes (See Photo 3). Some of the drums were marked as waste flammable liquids, hazardous waters or spent geo socks (See Photos 4 and 5). The only wastes in the area that were generated by Americhem were four drums of waste oil and water mixtures (See Photo 6). The contents of the drums appeared to be frozen as the lids were bulging. In the northwest corner of Warehouse A was Americhem's second storage room for sample jars. This room was designed to store the flammable samples, and had a fire suppression system available. There were also several hundred sample jars in the room.

The walk-through proceeded through Warehouse B. There were drums and totes of oil product ready for shipment. Mr. Battle led us back to Warehouse C where he pointed out a heated storage room where Americhem stores additional additives and chemicals that will solidify and become difficult to work with if left at room temperature.

There was no Americhem hazardous waste observed during the walk-through.

Record Review

After the walk-through, I asked Mr. Nelson for the following documents to review:

- Hazardous waste manifests for the previous three years
- Waste characterization and determination records for Americhem's waste streams
- A copy of Americhem's hazardous waste contingency plan
- Hazardous waste training records for applicable Americhem employees
- Hazardous waste storage area inspection logs

A diagram of the Americhem facility can be found in Attachment B.

Mr. Nelson presented the hazardous waste storage area inspection logs. The logs show the hazardous waste storage area was inspected on a weekly basis. The logs also show that the hazardous waste storage area is frequently empty, as Americhem generates hazardous waste on an infrequent basis.

Mr. Nelson then presented Americhem's hazardous waste manifests for the previous three years. The manifests appeared complete and there were land disposal restriction notification forms available. The most recent hazardous waste manifest was from 1/20/2014 and displays the

shipment of two drums of D001, D018, D035, F003, and F005 "naphtha, xylenes" waste flammable liquids. This is the characterization Mr. Nelson said was shared by both off-specification Amlac 2910 and the scale house pump wash material. In the 2013 hazardous waste manifest folder was a shipment summary Mr. Nelson had created. On average, Americhem appeared to have hazardous waste shipments about every other month. The largest shipment occurred on 7/19/2013 with nine drums of hazardous waste. However, the bottom of the sheet states that the most hazardous waste accumulated in one month was five drums, and that amount totaled 1,980 pounds of waste. Americhem's waste generation rate indicates the facility is currently a Small Quantity Generator of hazardous waste. The most recent manifest and 2013 shipment summary can be seen in Attachment C.

I went through Americhem's hazardous waste training logs. Americhem keeps a training matrix for each employee to track the required and completed training for each position. Mr. Battle's training matrix, for example, shows the training courses he has completed, and where or how each course was completed. His matrix lists "HM-126F" and "HM-232 Safety and Security." Mr. Nelson stated those courses involve training on hazardous waste management procedures. Mr. Nelson also stated that Americhem's employees receive yearly refresher training. A sample training matrix is in Attachment D.

I asked Mr. Nelson if he had any waste profile or laboratory reports for the waste Amlac 2910 or scale house pump wash material. He stated the materials were generally characterized as D001, D018, D035, F003 and F005 because of the solvents and chemicals that could potentially be in the waste. He did present an undated analysis sheet for Amlac 2910 material, which does imply the current waste codes are valid, but there were no records available for the scale house pump wash. The Amlac 2910 analysis is in Attachment E.

Mr. Nelson said he would email me a copy of Americhem's Spill Prevention, Control and Countermeasures (SPCC) plan in lieu of a hazardous waste contingency plan. He stated that he and Mr. Battle were the primary and alternate emergency coordinators, respectively. The SPCC plan is in Attachment F.

Closing Conference

I summarized my review of the site to Messrs. Nelson and Battle. I noted that I didn't observe any issues with hazardous waste management, as no Americhem hazardous waste was currently on site. I told Mr. Nelson that Americhem needs to keep some form of record or waste profile for Americhem's hazardous waste streams, including the Amlac and scale house pump wash materials.

I told Mr. Nelson I would likely have some follow-up questions in the weeks following the inspection.

Mr. Nelson declined to make confidential business information claim during the inspection.

The inspection ended around 11:30 AM.

Inspection Follow-Up

I reviewed Americhem's SPCC plan after the inspection. The plan listed Mr. Battle and Mr. Nelson as the emergency and alternate emergency contacts, respectively. Table 3 of the plan provided a list of the emergency equipment available on-site, its location and its capabilities, and refers to a facility map which displays the location of said equipment. This map also functions as Americhem's evacuation plan.

On March 7, 2014, I emailed Messrs. Nelson and Battle if Americhem had any additional records, laboratory analyses, or written determinations to show how or why Americhem had characterized its Amlac 2910 and scale house pump material as D001, D018, D035, F003, and F005 hazardous waste.

Attachments

- A. Inspection Photographs
- B. Facility Diagram
- C. Manifest and 2013 Shipment Summary
- D. Sample Employee Training Record
- E. Amlac 2910 Waste Profile
- F. SPCC Plan
- G. Inspection Checklist

ATTACHMENT A: Inspection Photographs

Photographs were taken by Brian Kennedy using a Canon PowerShot A2400 IS Digital Camera.

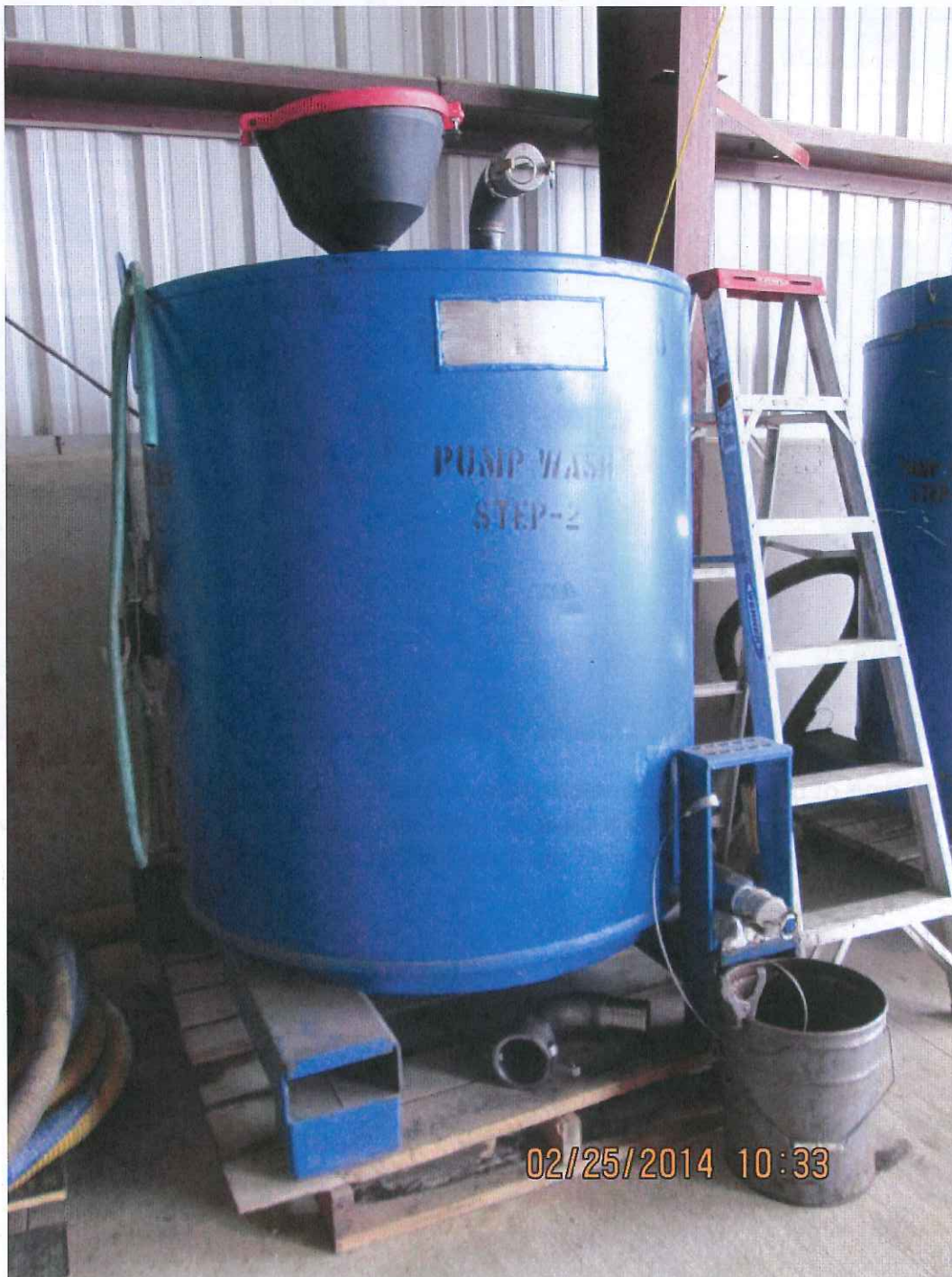


Photo 1: The tank in the scale house which contains the pump wash for general cleaning. Once the material in the tank is spent, it is drained into drums and taken to the hazardous waste storage area.



Photo 2: Drums of hazardous and non-hazardous waste in Americhem's hazardous waste storage area in Warehouse A. The hazardous waste pictured was generated by MDEQ's groundwater treatment contractor and had a separate generator identification number.



Photo 3: Hazardous waste in Americhem's hazardous waste storage area that was generated by MDEQ's contractor. This drum was labeled as D001, D018, D039, D040, D022, and D029 hazardous waste "free product / hazardous waters."

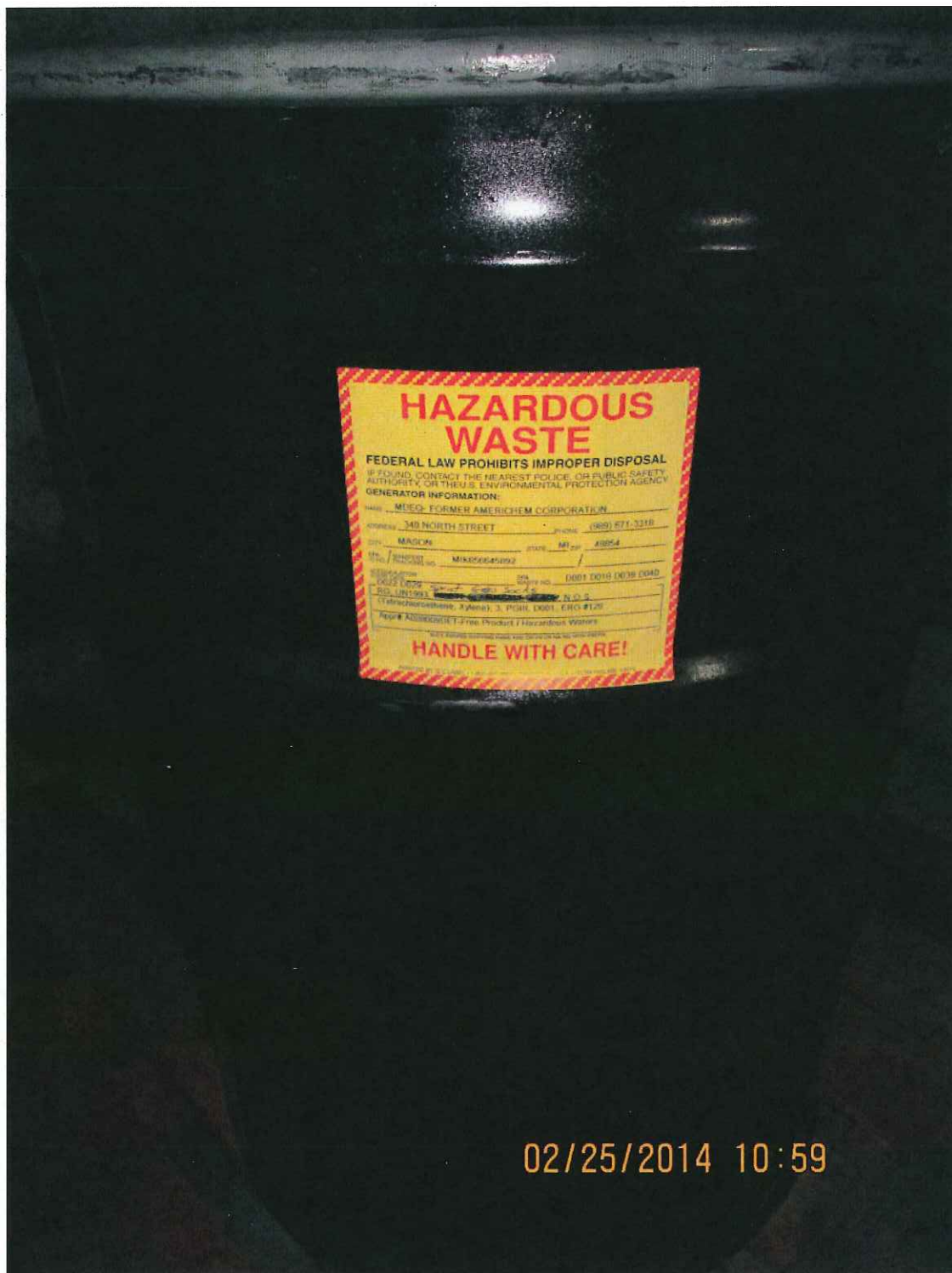


Photo 4: Hazardous waste in Americhem's hazardous waste storage area generated by MDEQ's contractor. This drum was labeled as "spent geo socks" and had the same waste codes as the drum in Photo 3.

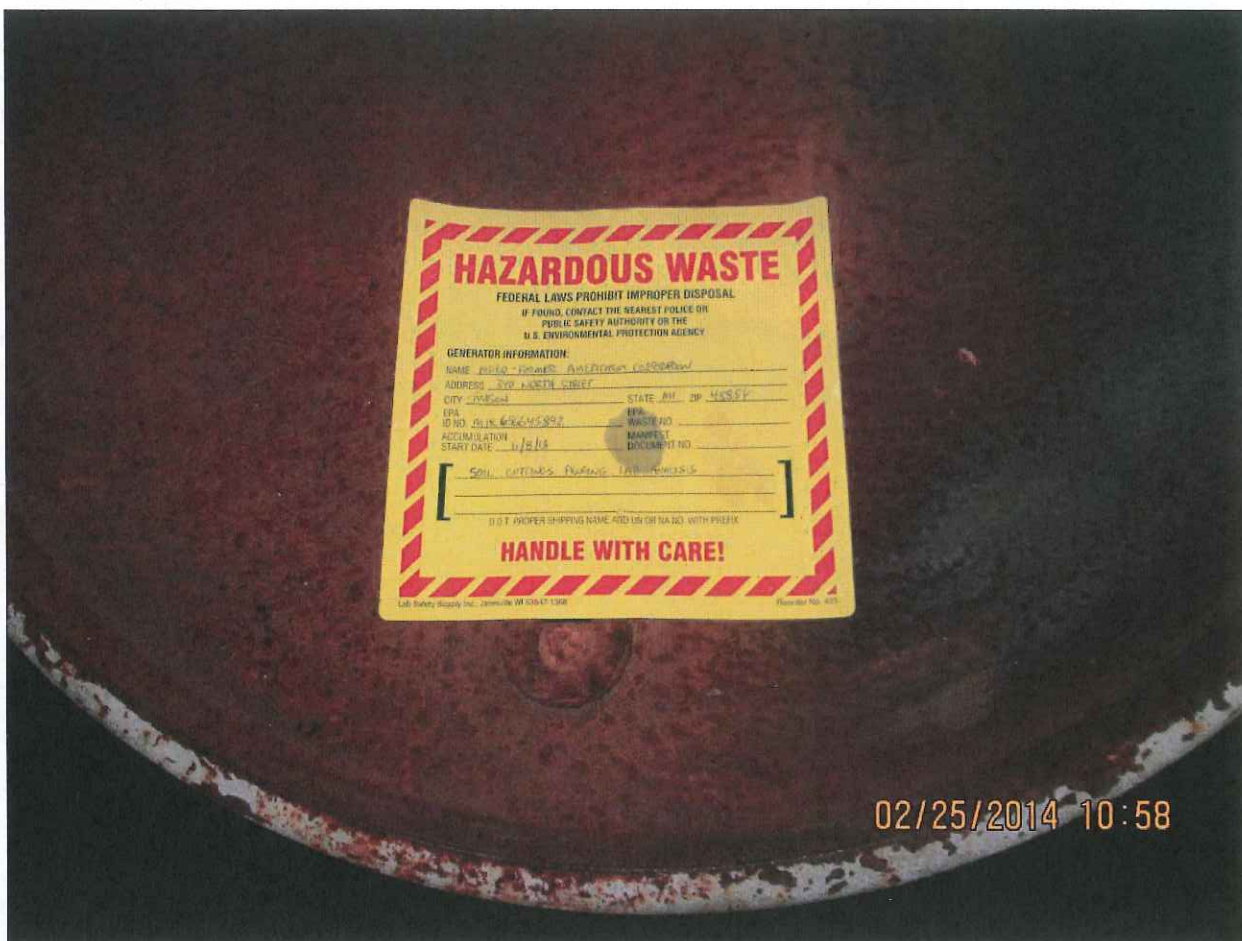
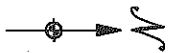


Photo 5: Hazardous waste in Americhem's hazardous waste storage area generated by MDEQ's contractor. This drum was labeled "soil cuttings pending lab analysis" and was dated 11/8/13.



Photo 6: Four drums of Americhem's non-hazardous oil and water waste in the hazardous waste storage area. The drum lids were bulging as the contents were frozen due to cold weather.

ATTACHMENT B: Facility Diagram



AMERICHEM SALES CORPORATION
340 NORTH STREET
MASON, MICHIGAN 48854

AERIAL PHOTOGRAPH



INTEGRATED ENVIRONMENTAL, INC.
Scientists Who Think Business™
A Woman Business Enterprise
www.intenv.com

LIVONIA
19649 Middlebelt Rd
Livonia, MI 48152
T: 248.477.5021
F: 248.477.6971

PORT HURON
2425 Millard
Port Huron, MI 48061
T: 810.987.1
F: 810.987.85

MARSHALL
PO Box 236
Marshall, MI 49068
T: 517.740.8793
F: 269.781.3169

DATE:

5-May-11

PROJECT NO:

246001

SCALE:

Not to Scale

DRAWN BY:

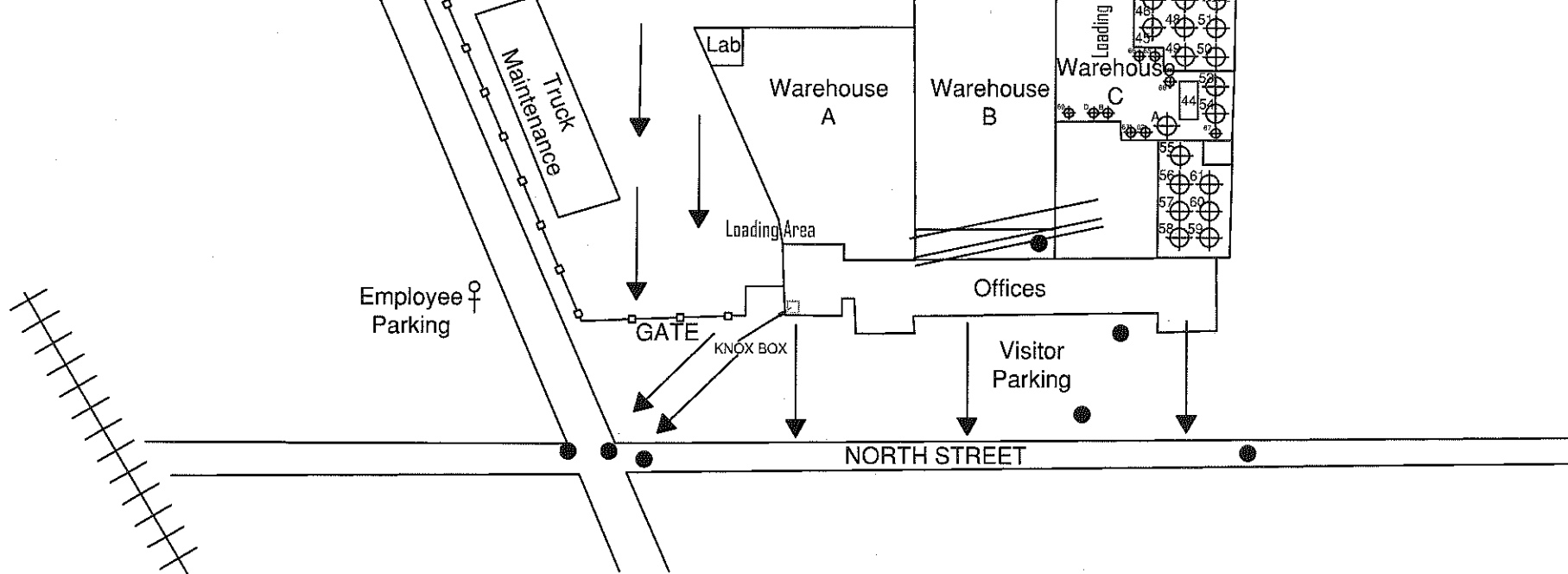
CAH

APPROVED BY:

RPH

FIGURE NO:

2



LEGEND

- CATCH BASIN
- FENCE
- BUILDING
- CONCRETE SLAB
- ≡ RAILROAD
- == ROAD
- ⊕ ABOVEGROUND STORAGE TANKS (ASTs)

- ⊕ AST TANK NOT IN USE
- ♀ FIRE HYDRANT
- DRAINAGE SUMP
- ← GENERALIZED SURFACE WATER FLOW DIRECTION
- LANDSCAPING
- ▬ BERM

Warehouse A - Mobile Container Storage

Warehouse B - Mobile Container Storage

Warehouse C - Oils / Oils Blending

Warehouse D - Solvents / Solvent Blending

NOTES:

1. THIS FIGURE WAS DEVELOPED USING THE FOLLOWING:
 - a. A FIGURE TITLED, *AMERICHEM BUILDING RELOCATION, SITE & UTILITY PLAN*, PREPARED BY KEBS, INC. AND DATED SEPTEMBER 8, 2010;
 - b. A FIGURE TITLED, *SITE DRAINAGE*, PREPARED BY AMERICHEM SALES CORPORATION AND DATED OCTOBER 27, 2010;
 - c. A FIGURE TITLED, *SITE PLAN*, PROVIDED BY AMERICHEM SALES CORPORATION;
 - d. A FIGURE TITLED, *FIGURE NO. 1 - FACILITY PLOT PLAN*, PREPARED BY AMERICHEM SALES CORPORATION AND DATED OCTOBER 27, 2010; AND
 - e. A FIGURE TITLED, *BULK STORAGE TANKS - SOLVENTS TANK FARM*, DATED AUGUST 16, 2010.
2. THE LOCATIONS OF PROMINENT PHYSICAL FEATURES AND SUBSURFACE EXPLORATION LOCATIONS WERE NOT CERTIFIED BY A LICENSED LAND SURVEYOR AND WERE APPROXIMATELY DETERMINED USING THE ABOVE-NOTED OBSERVATIONS AND FIGURES. THIS INFORMATION SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHODS USED.
3. SEE TABLE NOS. 1, 2, AND 4 FOR AST, MOBILE CONTAINER STORAGE, AND LOADING/UNLOADING AREA INFORMATION.

DATE: 5-May-11
 PROJECT NO: 246001
 SCALE: Not to Scale
 DRAWN BY: CAH
 APPROVED BY: RPH
 FIGURE NO: 1

AMERICHEM SALES CORPORATION
 340 NORTH STREET
 MASON, MICHIGAN 48854

FACILITY PLOT PLAN



INTEGRATED ENVIRONMENTAL, INC.
 Scientists Who Think Business™
 A Woman Business Enterprise

LIVONIA 19849 Middlebelt Rd Livonia, MI 48152 T: 248.477.5021 F: 248.477.6971	PORT HURON 2425 Millary, Suite 2 Port Huron, MI T: 810.987.86 F: 810.987.851	MARSHALL PO Box 266 Marshall, MI 49068 T: 517.740.8793 F: 269.781.3169
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Americhem Sales Corporation
MID052034402
February 25, 2014

ATTACHMENT C: Manifest and 2013 Shipment Summary

UNIFORM HAZARDOUS WASTE MANIFEST

Route: LANSING - ROUTE 2

RCM: 00-0062XV1

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

MID052034402

2. Page 1 of

12

3. Emergency Response Phone

800-424-9300, "1"

4. Manifest Tracking Number

002350987 GBF

Generator's Site Address (if different than mailing address)

Generator's Name and Mailing Address

TRICHEM SALES CORP.
1 NORTH STREET
LEON, MI 48054

Generator's Phone:

(517) 476-9353

6. Transporter 1 Company Name

HERITAGE-CRYSTAL CLEAN, LLC

U.S. EPA ID Number

ILR000130052

7. Transporter 2 Company Name

ROBBIE D. WOOD

U.S. EPA ID Number

ALD 067138891

8. Designated Facility Name and Site Address

PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT, MI 48214

U.S. EPA ID Number

MID900513298

Facility's Phone:

(313) 824-5840

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
A	1. RQ, UN1263, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG-II (NAPHTHA, XYLENES) (F003, F005, D001, D018, D035) ERG# 128	0	DM	0	G	F003	F005	D001
X	2. RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG-II (NAPHTHA, XYLENES) (F003, F005, D001, D018, D035) ERG# 128	2	DM	110	G	F003	F005	D001
						D018	D035	

14. Special Handling Instructions and Additional Information

2) 127861-2 HAZARDOUS WASTE

20796

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name

James Nelson

Signature

James Nelson

Month Day Year

11 18 14

16. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bruce Ronald

Signature

Bruce Ronald

Month Day Year

11 20 14

Transporter 2 Printed/Typed Name

R. STRINGER

Signature

R. STRINGER

Month Day Year

11 27 14

18. Discrepancy

18a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

#

2.

H061

3.

4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

D. McCallum

Signature

D. McCallum

Month Day Year

12 14 14

2013 Waste

2-17-13

1-9-13 - 10dr. Haz waste 3dr. non-haz

2-18-13 - 2dr. Haz 7dr. non-haz

4-3-13 - 3dr. Haz 3dr. non-haz

4-19-13 - 3dr. ~~Haz~~ Non-Haz

4-22-13 760gl. Non Haz

6-11-13 4dr. Haz

7-19-13 9dr. Haz 1dr. non Haz

8-2-13 7dr. non Haz

9-13-13 6dr. Haz, 4dr. non-haz

11-4-13 8dr. Haz,

12-13-13 6dr. non-haz,

Most accumulated in 1 month is 5dr = 1980#
no need to report Biennial for 2013.

Americhem Sales Corporation
MID052034402
February 25, 2014

ATTACHMENT D: Sample Employee Training Record

**Americhem Sales Corporation
Training Matrix**

Employee Name: Kevin Battle

Department: Operations

Title: Operations Manager

Page 1 of 1

Critical Skills/Training Description	Required/ Optional	Source of Training* (If other, list)	Satisfactory Completion	Retrain/test date	Emp Initial	Emp Date	Mgr Initial	Mgr Date
Fire Extinguisher Training	R	3	Yes	2013	KB	09/15/12	JN	09/15/12
Personal Protective Equipment	R	3	Yes	2013	KB	09/15/12	JN	09/15/12
Respiratory Protection	R	3	Yes	2013	KB	09/15/12	JN	09/15/12
Bloodborne Pathogens	R	3	Yes	2013	KB	09/15/12	JN	09/15/12
HM-126F	R	3	YES	2013	KB	09/15/12	JN	09/15/12
HM-232 Safety & Security	R	2,3	YES	2013	KB	09/15/12	JN	09/15/12
Fall Protection Awareness	R	2,3	YES	2013	KB	09/15/12	JN	09/15/12
Ladder Safety	R	2,3	YES	2013	KB	09/15/12	JN	09/15/12

Notes/Instructions: A copy of all test scores/certifications must be in employee's file.

*Source of Training:

- 1) On The Job
- 2) Document Review
- 3) Internal Course
- 4) External Course
- 5) Other

Americhem Sales Corporation
MID052034402
February 25, 2014

ATTACHMENT E: Amlac 2910 Waste Profile

AMLAC 2910
and 2910X

		2910
<u>Constituent</u>	<u>Typical (%)</u>	<u>Analysis (%)</u>
Methanol	5-15	13.3
Ethanol	0-3	2.37
Acetone	5-15	15.67
Propanol	0-1	1.04
Ethyl Acetate	0-5	1.47
MEK	5-15	12.29
LD Naphtha	5-10	8.24
MIBK	0-2	0.79
Toluene	15-25	17.19
Butyl Acetate	0-5	1.5
PM Acetate	0-2	0.65
Xylenes	10-20	16.55
Mineral Spirits	5-10	8.86
Water	< 0.5	0.35
Color	< 10	5
Appearance	clear, no turbidity	clear, no turbidity
APV	< 0.006	0.002
Solids		

Americhem Sales Corporation
MID052034402
February 25, 2014

ATTACHMENT F: SPCC Plan

**SPILL PREVENTION, CONTROL AND
COUNTERMEASURE (SPCC) PLAN**

**AMERICHEM SALES CORPORATION
340 NORTH STREET
MASON, MICHIGAN 48854
TELEPHONE: (517) 676-9363
FACSIMILE: (517) 676-6635**

EMERGENCY CONTACTS

24-Hour Emergency Telephone Number: (517) 749-1026

Spill Coordinator	Kevin Battle, Operations Manager	H:(989)224-6910 C:(517)749-1026
Alternate	James Nelson, Technical Services Manager	H:(517)663-8040 C:(517)749-1055

CONTRACTORS

Cleanup Contractor	MPC Environmental	(313)849-2333
Supplies and Equipment	MPC Environmental	(313)849-2333

NOTIFICATIONS

National Response Center

1-800-424-8802

Michigan Department of Natural Resources and Environment	
PEAS Hotline	(800) 292-4706
District Office	(517) 335-6010
U.S. Coast Guard – National Response Center	(800) 424-8802
Local Emergency Planning Committee	(517) 887-4508
Mason Fire Department	911 or (517) 244-9025
Mason Public Works Department	(517) 676-9155

Facility Owner:	Americhem Sales Corporation
Date of Initial Plan:	March 4, 2009
Date of Amendment No. 001:	October 18, 2011
Date of Amendment No. 002:	May 1, 2012
Date of Last Plan Review:	March 1, 2012

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
AMERICHEM SALES CORPORATION**

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AMERICHEM SALES CORPORATION**

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**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
AMERICHEM SALES CORPORATION**

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PROFESSIONAL ENGINEER CERTIFICATION (40 CFR 112.3(d))

By means of this certification, I attest that I am familiar with the requirements of provisions of 40 CFR Part 112, that I or my designated agent have visited and examined the facility, that this Spill Prevention, Control and Countermeasure Plan (SPCC) has been prepared in accordance with good engineering practices, including consideration of applicable industry standards, and with the requirements of this Part, that procedures for required inspections and testing have been established and that the Plan is adequate for the facility.

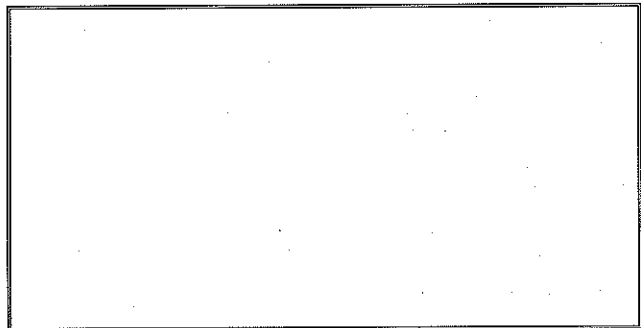
Signature

Typed/Printed Name

Date of Plan Certification

Professional Engineer Certification No.

Date of P.E. Certification



P.E. Stamp

State of P.E. Certification

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
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MANAGEMENT APPROVAL (40 CFR 112.7)

I hereby certify that this Plan has the full approval of management at a level of authority to commit the necessary resources to fully implement the Plan; and that management commits the manpower, equipment, and materials necessary to expeditiously control and remove any discharge of oil in harmful quantities.

_____ Signature	Bruce Whetter _____ Typed/Printed Name
_____ President, Owner	_____ Date
_____ Title	

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
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SPCC PLAN AMENDMENTS (40 CFR 112.5)

Amendments to this plan will be developed pursuant to the requirements of 40 CFR 112.5 including a P.E. certification and SPCC Plan management approval as appropriate.

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FIVE-YEAR PLAN REVIEW SUMMARY (40 CFR 112.5(b))

Facility personnel review and evaluate SPCC Plan requirements at least once every five years. The review and evaluation is documented as shown below.

Item No.	Reviewer (Print or Type)	Title	Review Date	Comments	Is P.E. re-certification required? (Yes or No)
1					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
2					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
3					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
4					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
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Item No.	Reviewer (Print or Type)	Title	Review Date	Comments	Is P.E. re-certification required? (Yes or No)
5					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
6					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
7					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
8					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					
9					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____</p> <p>Signature</p>					

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
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Item No.	Reviewer (Print or Type)	Title	Review Date	Comments	Is P.E. re-certification required? (Yes or No)
10					
<p>I completed a review and evaluation of the SPCC Plan for Americhem on _____ and will/will not amend the Plan as a result.</p> <p>_____ Signature</p>					

LOCATION OF PLAN STATEMENT (40 CFR 112.3(e)(1))

A complete copy of the SPCC Plan is maintained in the Technical Directors office, other managers at the facility have hard copies, an electronic copy can be obtained from any company computer.

SPILL EXPERIENCE/HISTORY

Americhem Sales Corporation ("Americhem") began operations at the facility on May 29, 1998. No discharge of oil in harmful quantities as described in 40 CFR 112.1(b) has occurred at or from the facility while Americhem has been in operation.

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
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The following table will be used to record information about any discharge that may occur in the future during Americhem's operation.

Description of Discharge	Corrective Actions Taken	Plan for Preventing Recurrence

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1.0 SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN

The operative elements for implementation of the Spill Prevention, Control and Countermeasure (SPCC) Plan for Americhem are provided in the following subsections.

1.1 Introduction

SPCC Plans are required by federal Oil Pollution Prevention regulations contained in Title 40, Code of Federal Regulations, Part 112 (40 CFR 112). Non-transportation-facilities that have oil in aboveground or buried tanks or containers are subject to SPCC regulations if the aggregate aboveground capacity of the facility exceeds 1,320 gallons of oil (excluding containers and oil-filled equipment with a capacity of 55 gallons or less) *or* if the aggregate underground capacity of the facility exceeds 42,000 gallons of oil (excluding underground tanks that are subject to the technical requirements of 40 CFR Part 280 or a state program approved under 40 CFR Part 281), *and* if, due to its location, the facility could reasonably be expected to discharge oil in potentially harmful quantities into or upon the navigable waters of the United States or adjoining shorelines.

This SPCC Plan need not be filed with the U.S. Environmental Protection Agency (U.S. EPA), but a complete copy must be available at the facility for on-site review by the U.S. EPA during normal working hours.

1.2 Written Follow-up in the Event of Discharge (40 CFR 112.4(a))

A report must be submitted to Region V of the U.S. EPA and the Michigan Department of Environmental Quality if either of the following occurs:

1. The facility discharges more than 1,000 gallons of oil into or upon the navigable water of the United States or adjoining shorelines in a single discharge; *or*
2. The facility discharges oil in quantities greater than 42 gallons in each of two discharges within any twelve-month period.

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The report must be submitted within 60 days after the event. This report must contain the following information:

1. Name of the facility;
2. Name of the individual submitting the information;
3. Location of the facility;
4. Maximum storage or handling capacity of the facility and normal daily throughput;
5. Corrective action and/or countermeasure(s) taken in response to the discharge, including a description of equipment repairs and/or replacements;
6. An adequate description of the facility including maps, flow diagrams and topographical map(s), as necessary;
7. The cause(s) of such discharge, including a failure analysis of the system or subsystem in which failure occurred;
8. Additional preventive measures taken or contemplated to minimize the possibility of recurrence; and
9. Other information that may be required by U.S. EPA pertinent to the SPCC Plan or discharge.

1.3 SPCC Plan Amendment (40 CFR 112.5(a))

The SPCC Plan must be amended within six months whenever there is a change in facility design, construction, operation, or maintenance that materially affects the facility's potential for discharging potentially harmful quantities of oil. Such changes may include the following.

- Installation, removal, replacement, reconstruction, or relocation of containers or tanks
- Installation of piping systems
- Construction or demolition that might alter secondary containment structures
- Product or service modifications
- Revising standard operating or maintenance procedures at the facility

All amendments to the Plan must be certified by a registered professional engineer (P.E.), when required, or self-certified by the facility.

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1.4 SPCC Plan Review and Evaluation (40 CFR 112.5(b))

The SPCC Plan must be reviewed at least once every five years. The review and evaluation must be documented and must state whether the review and evaluation indicate that Plan amendment is required. Following the review and evaluation, the Plan must be amended to include more effective prevention and control technology, if such technology will significantly reduce the likelihood of a discharge and has been proven in the field. The more effective technology must be implemented as soon as possible, but not later than six months after the SPCC Plan is amended. All technical amendments to the Plan must be certified by a P.E., when required, or self-certified by the facility.

Owners and operators failing or refusing to comply with this federal regulation are liable to a civil administrative penalty of up to \$11,000 per day (up to a maximum of \$127,500) or judicial civil penalties of up to \$32,500 per day.

If the owners and operators of a facility are required to prepare an SPCC Plan and are not required to submit a Facility Response Plan, the SPCC Plan should include a signed certification form provided in Attachment A (per Appendix C to 40 CFR 112).

1.5 Facility Information

Facility information is presented in the following subsections.

1.5.1 General Information

General information is provided in the subsections below.

1.5.1.1 Facility Name and Address

Americhem Sales Corporation
340 North Street
Mason, Michigan 48854
(517) 676-9363

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN AMERICHEM SALES CORPORATION

1.5.1.2 Owner

Bruce Whetter

1.5.1.3 Facility Contact

Kevin Battle

Americhem Sales Corporation

340 North Street

Mason, Michigan 48854

Work Phone: (517) 676-9363 or Cell Phone: (517) 749-1026

1.5.2 Location

The facility is located on the east side of Mason Street, just north of North Street. Road access is from both Mason and North Streets. The facility has the following latitude and longitude coordinates: 42 degrees, 35 minutes, 3.1704 seconds North and -84 degrees, 26 minutes and 53.3076 seconds West.

1.6 General Description of the Facility

Americhem Sales Corporation is a compound blender and distributor of industrial oils, solvents and chemicals. Americhem Sales Corporation generally operates one 8-hour shift per day, five days per week.

The Americhem Sales Corporation facility resides on 19± acres of land located in an industrial/commercial area in Ingham County, Michigan. The site is bounded to the north by woods and south by North St., to the east by a cemetery, and to the west by Mason St. and Railroad tracks.

The Americhem Sales Corporation facility is comprised of the following: 5 buildings, 30 “in-use” aboveground oil storage tanks (ASTs) including a 12,000 gallon capacity diesel AST for on-site fueling of trucks, 19 “in-use” non-oil ASTs, six loading/unloading areas (i.e., Loading/Unloading Areas at Warehouse A, B, C, D and Scale House buildings). The locations of these and other prominent physical features are shown in Figure No. 1 (“Facility Plot Plan”).

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The southwest portion of the property is paved for parking and truck access. The northeastern portion of the property is occupied by a diked area used for tanker parking. Descriptions and capacities of each AST at the property are presented in Table No. 1.

The only known potential pathway for the discharge of oil from the facility to navigable water is via the Mason City storm drain located outside the west gate of the facility. For purposes of this SPCC, the term "oil" is defined as:

"Oil of any kind or in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil." 40 CFR 112.2.

The facility is built on sandy clay ground covered with approximately six inches of crushed limestone and having adequate drainage. Over most of this gravel-surfaced driveway and parking area north of the warehouse buildings, storm water percolates downward into the underlying soils. Storm water in the form of sheet runoff eventually discharges into catch basins located in the streets located along the south and west ends of the property.

1.7 General Requirements (40 CFR 112.7)

The general requirements of 40 CFR 112.7 are addressed in the following subsections.

1.7.1 Conformance with SPCC Regulations (40 CFR 112.7(a)(1), (2))

The Americhem facility is in substantial conformance with the requirements of 40 CFR 112. Any deviations from the requirements of 40 CFR 112 are described in the following subsections.

1.7.2 Physical Layout (40 CFR 112.7(a)(3))

SPCC plans must include a description of the physical layout of the facility and a facility diagram. The facility diagram must include the location and contents of each container, transfer stations, and connection pipes.

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The physical layout of the facility is shown in Figure No. 1. Figure No. 1 depicts the location of on-site buildings, mobile containers and ASTs used for oil and hazardous substance storage; containment and berm areas, loading/unloading areas; and connecting pipes. Figure No. 1 also shows the storm water sumps, catch basins to the storm sewer system, and predicts the flow (slope) direction of surface runoff.

1.7.2.1 Contents and Capacity of Containers (40 CFR 112.7(a)(3)(i))

The type of oil in each container and its storage capacity as of the date of this Plan are shown in Table No. 1.

1.7.2.2 Discharge Prevention Measures (40 CFR 112.7(a)(3)(ii))

Oil discharge prevention measures, including procedures for loading, unloading and material transfer, are described in Attachment B.

1.7.2.3 Discharge or Drainage Controls (40 CFR 112.7(a)(3)(iii))

Discharge and drainage controls, including procedures for the controlling of potential discharges, are shown in Figure No. 1 and Attachment B. Containment and diversionary structures also are discussed below.

Containers and ASTs: Secondary containment for containers and ASTs that contain oil are described in Table No. 1..

Loading/Unloading Areas: Discharges of oil in loading/unloading areas are prevented from entering into the sewer system by secondary containment structures and/or by the presence of engineered catch basins. The six loading/unloading areas are described below.

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LOADING/ UNLOADING AREA	DESCRIPTION
Warehouse A	This warehouse is used for drum and tote storage only.
Warehouse B	Loading and unloading of vans for drums and totes only.
Warehouse C	Loading and unloading of tankers inside building.
Warehouse D	Loading and unloading of vans, drums and totes.
Scale House	Loading and unloading of tankers, solvents and chemicals.

Material Transfer: There is no known buried piping that carries oil. All wet valves are capped when not transferring materials. Additionally, piping is either capped or blank-flanged when not in service. The existing piping is inspected regularly and resides in areas where migration of any discharged oil would be mitigated.

1.7.2.4 Countermeasures and Material Recovery (40 CFR 112.7(a)(3)(iv), (v))

Countermeasures for discharge discovery, response, cleanup, and methods of disposal of recovered materials are presented in Appendix C. In addition, spill stations are located in close proximity to loading/unloading areas to facilitate spill response (see Figure No. 3).

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1.7.2.5 Emergency Response Coordinators (40 CFR 112.7(a)(3)(vi))

Contact information for the facility response coordinator, National Response Center, cleanup contractors with whom Americhem has an agreement for response, and federal, state, and local response agencies are identified on the cover page of this SPCC Plan.

1.7.3 Discharge Notifications (40 CFR 112.7(a)(4))

See Appendix D (Notification – Reportable Discharges), which must be completed prior to reporting a discharge to the proper notification contacts. This form will help remind the operator of the procedures that must be followed and the information that must be furnished in the event of a discharge.

1.8 Potential Equipment Failures (40 CFR 112.7(b))

The following table describes potential failures of oil-containing containers, ASTs, or other equipment at the facility.

<u>Potential Failure</u>	<u>Spill Direction</u>	<u>Volume Released</u>	<u>Spill Rate</u>
Complete failure of a full tank.	Toward the low point within the oil building.	20,000 gallons	Instantaneous.
Partial failure of a full tank.	Toward the low point within the oil building.	Up to 20,000 gallons.	Gradual to instantaneous.
Tank over-fill.	Toward the low point within the oil building.	Up to 6,000 gallons. ^A	Up to 60 gallons per minute.
Pipe failure.	Toward the low point within the oil building.	Up to 20,000 gallons. ^B	Up to 60 gallons per minute.
Leaking pipe or valve.	Toward the low point within the oil building.	Up to 5,000 gallons. ^C	Up to 3 gallons per minute.
Tank truck or mobile container leak or failure in Loading/Unloading.	Toward the low point within the oil building.	Up to 7,500 gallons.	Gradual to instantaneous.

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<u>Potential Failure</u>	<u>Spill Direction</u>	<u>Volume Released</u>	<u>Spill Rate</u>
Hose leak during transfer in Loading/Unloading.	Toward the low point within the oil building.	Up to 15 gallons. ^D	Up to 1 gallon per minute.
Pump rupture/failure in Loading/Unloading.	Toward the low point within the oil building.	Up to 100 gallons.	Up to 50 gallons per minute.

Notes:

- A. Assumes overfilling for 100 minutes at a loss rate of 60 gallons per minute.
- B. Assumes pipe failure undiscovered overnight and drains the tank.
- C. Assumes a leak is undiscovered for 24 hours at a loss rate of 3 gallons per minute.
- D. Assumes a leak results in a continuous discharge of oil for 15 minutes (until mitigative measures are implemented) at a loss rate of 1 gallon per minute.

The above-noted failure mode assessment values are based on pump capacities, piping diameters, tank and/or tank truck capacities, and professional judgment.

1.9 Containment and Diversionary Structures (40 CFR 112.7(c))

Facilities subject to the SPCC regulations must provide appropriate containment and/or diversionary structures or equipment to prevent a discharge of oil. All oil ASTs at the facility are located in Oil Warehouse C, the Solvent Tank Farm, and the northwest corner of the scale house (see Figure No. 1 and Table No. 1). ASTs are located both on the main floor and in a diked area within the Warehouse C building and in a concrete containment area for the Solvent Tank Farm and the diesel AST located at the northwest corner of the scale house. Any tank leak located from a tank on the main floor flows to a low point at the back of the oil building. Any leak within a containment structure will flow to the low point of the structure where it can be collected and removed. Americhem has containment and diversionary structures, and equipment designed and installed specifically to contain and prevent the discharge of oil until cleanup occurs. These include secondary containment basins, berms, dikes, sumps, and curbing. Details pertaining to the respective containment structures are presented in Table No. 1 and in the following sections.

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1.9.1 Dikes, Berms and Retaining Walls (40 CFR 112.7(c)(1)(i))

As shown in Figure No. 1 and Table No. 1 the solvent tank farm and associated piping, and the diesel AST are totally contained by a concrete containment structure, the other ASTs are located within the buildings, and the Loading/Unloading Areas including the scale house are located within buildings and/or have secondary containment structures. Americhem staff directly supervises the loading/unloading operations to minimize the potential for uncontrolled discharge. Spill control stations are located near the loading/unloading areas as shown in Figure No. 3.

Containers located in any of the mobile container storage areas may contain oil. The containment specifications for each of the container storage areas are presented in Table No. 2.

Any material captured within the containment structures is periodically pumped-out, if no visible oil or oil sheen is present, and transferred to storm sewer system consistent with a NPDES permit. If oil is visible, the material is containerized for characterization and disposal pursuant to applicable regulations.

1.9.2 Curbing (40 CFR 112.7(c)(1)(ii))

Curbing is used as part of the containment structures in oil storage and Loading/Unloading Areas (see Figure No. 1 and Table No. 2). Any material captured within the containment structures is periodically pumped-out, if no visible oil or oil sheen is present, and transferred to storm sewer system consistent with a NPDES permit. If oil is visible, the material is containerized for characterization and disposal pursuant to applicable regulations.

1.9.3 Culverts, Gutters, and Other Drainage Structures (40 CFR 112.7(c)(1)(iii))

The area-specific and general surface drainage patterns are shown in Figure No. 1. The surface drainage in the non-paved area outside of the containment structures is generally to the west. In the event of a discharge of oil, the soils would retain most or all of the material with residual, if any, migration toward the municipal sewer catch basin at the location shown in Figure No. 1.

Storm water accumulation within the diked area typically is transferred using manually activated pumps to the retention basins that abut the diked containment structure to the north. Any storm water that flows to the retention basins is inspected to assure that there is no oil present prior to

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transfer. If necessary, storm water collected in the retention basins can be transferred to the municipal sewer system.

Discharges reaching the catch basins located in Mason and North Streets ultimately flow to Sycamore Creek located approximately ¼ mile east of Americhem's property.

1.9.4 Weirs, Booms or Other Barriers (40 CFR 112.7(c)(1)(iv))

Weirs, booms, and/or other barriers are stored in the spill control stations at the locations shown in Figure No. 1. The specific contents of the stations are shown in Table No. 3. This inventory is checked periodically to replenish used materials.

1.10 Demonstration of Practicability (40 CFR 112.7(d))

Americhem management has determined that the use of the containment and diversionary structures, spill stations, loading/unloading areas, and standard operating procedures are practicable and effective in preventing discharged oil from entering the public sewer system or reaching the navigable water.

1.11 Inspections and Records (40 CFR 112.7(e))

Routine (i.e., monthly and weekly) visual inspections consist of a complete walkthrough of the facility to check piping flange joints, valves, and support structures for signs of leakage. The written checklist is prepared, signed by the inspector, and the original copies maintained on file for three years.

Each AST and associated AST supports, foundation and containment structures are visually inspected on a routine basis for signs of leaks, deterioration or accumulation of material, soils for staining and discoloration, excessive accumulation of rainwater within the containment areas, if any, and verification that the containment sumps are clean and dry. Mobile container storage areas are inspected routinely for visible indications of container leakage, containment structure integrity and accumulation of liquids. The written checklist is prepared, signed by the inspector, and the original copies maintained on file for three years.

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Response equipment is inspected on a routine basis and replenished immediately following each use or when expiration dates, if applicable, have been exceeded.

The items covered in the inspections are performed in accordance with API standards and good engineering practices.

1.12 Personnel, Training, and Discharge Prevention Procedures (40 CFR 112.7(f))

The training provided to facility personnel regarding implementation of the SPCC Plan for this facility is described in the following subsections.

1.12.1 Training (40 CFR 112.7(f)(1))

Oil-handling personnel must be trained in the operation and maintenance of equipment to prevent discharges, discharge procedure protocols, general facility operations, and the contents of the SPCC Plan.

Personnel who handle oil at Americhem are instructed by management in the operation and maintenance of equipment to prevent discharges. Such personnel are trained to follow discharge procedure protocols and standard operating procedures, in general facility operation, and to understand and implement the contents of the SPCC Plan.

1.12.2 Designation of Responsible Personnel (40 CFR 112.7(f)(2))

The facility must designate a person who is accountable for discharge prevention and who reports to facility management. Americhem's Technical Service Manager, James Nelson and Operations Manager, Kevin Battle are responsible for discharge prevention and training at the Americhem facility.

1.12.3 Discharge Prevention Briefings (40 CFR 112.7(f)(3))

Discharge prevention briefings for oil-handling personnel must be scheduled and conducted at least once per year to assure adequate understanding of the SPCC Plan.

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Yearly spill prevention briefings are provided by management for operating personnel to ensure adequate understanding of the SPCC Plan. These briefings highlight any past discharge events or equipment failures or malfunctions, and introduce facility personnel to recently developed precautionary measures. Training includes discharge prevention, containment, and retrieval methods. Simulations of on-site vehicular discharges and/or other future exercises are held periodically to anticipate possible discharge responses. Briefings and discharge prevention training are recorded on the form shown in Attachment G.

Instructions and phone numbers regarding the reporting of a discharge to the National Response Center and the State of Michigan are listed on the cover page of this SPCC Plan and have been posted throughout the facility.

1.13 Security (40 CFR 112.7(g))

The facility security measures are presented in the following subsections.

1.13.1 Facility Fencing (40 CFR 112.7(g)(1))

Facilities that handle, process, or store oil must be fully fenced. Entrance gates must be locked and/or guarded when the facility is not in production or is unattended.

A 5-foot chain-link fence with 1-foot barbed wire surrounds the entire perimeter of the facility. Two access gates, one located along North Street and the main truck gate along Mason Street provide the only access to the facility and are operated only by Americhem personnel. All material storage occurs inside the fence. All oil ASTs at the facility are located in Oils Warehouse C and the Solvent Tank Farm. When the facility is closed, the access gates are secured and all property buildings are locked. The facility entrance gates currently do not require an outside security service. Additionally, Americhem has 25 security lights on the property.

1.13.2 Non-Operation Status (40 CFR 112.7(g)(2))

Master flow and drain valves, and any other valves permitting direct outward flow of container or AST contents to the surface, must have adequate security so that they remain in closed position when in non-operating or stand-by status.

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All tank valves at Americhem are closed and capped when not in use.

1.13.3 Starter Controls (40 CFR 112.7(g)(3))

Starter controls on each oil pump must be in the "off" position when not in service or on stand-by status, and must be located so that they are accessible only to authorized personnel. Starter controls for transfer pumps at Americhem are located in areas that are accessible only to authorized personnel and are in the "off" position when not in service.

1.13.4 Loading/Unloading Connections (40 CFR 112.7(g)(4))

Loading/unloading connections of oil pipelines must be securely capped or blank-flanged when not in service or on standby status. All bulk liquid loading and unloading connections at Americhem are secured when not in use.

1.13.5 Facility Lighting (40 CFR 112.7(g)(5))

Facility lighting must be provided that will assist in the discovery of discharges that may occur after dark and may occur through acts of vandalism. Americhem utilizes 25 security lights for facility lighting during hours of darkness. The lighting is sufficient for the discovery of discharged oil by Americhem personnel and to deter acts of vandalism.

1.14 Tank Car and Truck Loading/Unloading Areas (40 CFR 112.7(h))

The tank truck loading/unloading areas are described in the following subsections.

1.14.1 Drainage from Loading/Unloading Areas (40 CFR 112.7(h)(1))

The tank truck loading/unloading areas have secondary containment, diversionary structures and operational controls as noted previously. Any material captured within the containment structures is periodically pumped-out and transferred to drums or totes. There are no rail tank car loading or unloading operations at the facility.

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1.14.2 Warning Signs (40 CFR 112.7(h)(2))

Facilities must provide an interlocked warning light or physical barrier system to prevent vehicles from departing before complete disconnection of transfer lines. Wheel chock blocks are utilized by Americhem at the loading/unloading areas to prevent premature vehicular departure.

1.14.3 Inspection of Vehicle Drains and Outlets (40 CFR 112.7(h)(3))

Drains and outlets from tank trucks must be closely inspected prior to filling and departure to ensure that no liquid discharge will occur while in transit. The lower-most drain and all outlets on tank trucks are inspected for leaks prior to departure from the Americhem facility. All deliveries and transfers of oil are supervised by at least one Americhem staff member. As noted above, rail tank cars are not currently utilized at this facility.

1.15 AST Repairs, Alterations, Reconstruction and Change-in-Service (40 CFR 112.7(i))

There has been no repair, alteration, reconstruction or a change in service of field-constructed ASTs at this facility that might affect the risk of a discharge or failure due to brittle fracture failure or other catastrophe.

1.16 Additional Standards (40 CFR 112.7(j))

No other unique prevention standards must be followed; including other prevention and containment procedures listed in 40 CFR 112 or any applicable State of Michigan or local rules, regulations or guidelines.

2.0 ADDITIONAL REQUIREMENTS FOR ON-SHORE FACILITIES (40 CFR 112.8(a))

This SPCC Plan addresses the requirements of 40 CFR 112.7, as required by 40 CFR 112.8(a).

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2.1 Facility Drainage (40 CFR 112.8(b))

The facility drainage patterns are presented in the following subsections.

2.1.1 Drainage from Diked Storage Areas (40 CFR 112.8(b)(1))

Drainage from diked storage areas must be contained to prevent discharge into the drainage system. The diked areas may be emptied by pumps or ejectors only if the pumps are activated manually and the accumulated liquid is inspected for oil prior to discharge to the storm sewer system.

Surface drainage within the tank farm at Americhem is engineered so that discharges of oil are collected within the diked area. Material within the containment structures can only be removed by manually activated pumping. Prior to pumping, the material is inspected for the presence of oil. If oil or oil sheen is present, a sample of the material is submitted to the lab for testing. If laboratory testing indicates there is no oil present (i.e., storm water only), the material is transferred to the retention basins or the municipal sewer system. If oil is verified to be present, the material is containerized and disposed of pursuant to applicable regulations.

2.1.2 Valves Used on Diked Storage Areas (40 CFR 112.8(b)(2))

Valves of manual, open-and-closed design must be used for the drainage of diked areas. Flapper-type valves are not permitted. All containment drainage in the tank farm at Americhem is controlled manually, and all piping is equipped with check valves. The other non-tank farm containment areas do not contain valves. The transfer of oil or storm water from these containment structures is as described in the previous section (40 CFR 112.8(b)(1)).

2.1.3 Plant Drainage Systems from Undiked Areas (40 CFR 112.8(b)(3))

Drainage systems from un-diked areas must be designed such that potential discharge flows into structures that will retain the oil or return the oil to the facility.

Surface drainage outside of the containment structures is shown on Figure No. 1. Oil is not stored or transferred in non-containment areas which generally consist of gravel parking and landscaped areas. In the event of a discharge in these areas, the soils would retain some or all of

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the material with residual, if any, migration toward the sump located east of the Hose Storage building or toward the west and south property boundary.

2.1.4 Final Discharge of Drainage (40 CFR 112.8(b)(4))

If facility drainage is not designed as described above, final discharge of all ditches inside the facility must be equipped with a diversion system that would retain oil in the facility in the event of an uncontrolled discharge.

The final discharge of drainage from Americhem is to the municipal storm sewer system. The municipal sewer system catch basins are located in Mason and North Streets located to the west and south of the property, respectively. Oil is not stored or transferred from non-containment areas.

2.1.5 Facility Drainage Systems and Equipment (40CFR 112.8(b)(5))

Equipment used to treat drainage waters must be designed to prevent discharge of oil in the event of equipment failure or human error.

Drainage waters at Americhem are not treated. Storm water from containment areas is visually checked for the presence of oil prior to discharge to the storm sewer system pursuant to a NPDES permit. If oil is visible, the material is containerized for characterization and disposal pursuant to applicable regulations.

2.2 Bulk Storage Containers (40 CFR 112.8(c))

Bulk tanks used for the storage of oil are identified in Table No. 1 and Figure No. 1. Spill prevention measures developed for bulk storage tanks at this facility are provided in the following subsections.

2.2.1 Tank Compatibility with Its Contents (40 CFR 112.8(c)(1))

The material and construction of containers must be compatible with the material stored and the conditions of storage (such as pressure and temperature). ASTs used to store oil at the

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Americhem facility are of carbon steel construction and are compatible with the oil they contain and the temperature and pressure conditions of storage.

2.2.2 Secondary Containment (40 CFR 112.8(c)(2))

Containers must be positioned within secondary containment with sufficient capacity to contain the volume of the largest single container, with sufficient freeboard to contain precipitation.

The construction materials and capacities of secondary containment structures around bulk oil ASTs at Americhem are sufficient to hold 1 ½ times the amount of the largest container except as noted above in Subsection 1.7.2.3.

2.2.3 Precipitation Drainage (40 CFR 112.8(c)(3))

Uncontaminated rainwater from diked areas must not drain into storm drains or surface waters unless the water is inspected for oil before being released manually. The facility must maintain records of such events as part of its SPCC recordkeeping.

Non-contaminated rainwater that accumulates within diked areas at Americhem is not discharged into a storm sewer, open watercourse, lake, or pond except in compliance with the requirements in 40 CFR 112.8(c), as follows.

No rainwater can enter the containment for the oil tanks located inside warehouse C. Records are kept for drainage of other diked areas.

2.2.3.1 Bypass Valves (40 CFR 112.8(c)(3)(i))

There are no bypass valves from the tank farm diked area.

2.2.3.2 Inspection (40 CFR 112.8(c)(3)(ii))

Rainwater that accumulates within diked areas is inspected prior to discharge to the sewer system to ensure that it will not cause a discharge as described in 112.1(b).

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2.2.3.3 Discharge and Reseal (40 CFR 112.8(c)(3)(iii))

There are no bypass valves from the tank farm diked area

2.2.3.4 Recordkeeping (40 CFR 112.8(c)(3)(iv))

Adequate records of the discharge of drainage from diked areas, if it occurs, are maintained pursuant to applicable permits and other applicable regulatory requirements.

2.2.4 Underground and Partially-Buried Storage Tanks (40 CFR 112.8(c)(4), (5))

There are no underground or partially buried tanks on Americhem Sales corporation property.

2.2.5 Aboveground Storage Tank Periodic Integrity Testing (40 CFR 112.8(c)(6))

Aboveground containers used to store oil must be tested for integrity on a regular schedule and any time a facility makes material repairs to the containers. The supports and foundations of such containers, and the outside of the container, must be inspected frequently for signs of deterioration, discharge, or accumulation of oil. Records of the inspections and the integrity testing must be maintained as part of the facility's SPCC recordkeeping.

Integrity testing on each tank within the tank farm was completed in August 16th, 2010 by Burch Tank & Truck Inc., this included an external visual inspection and pressure testing of the tanks and piping. Additional integrity testing of tanks within the tank farm will be conducted if required inspections disclose any issues regarding tank integrity.

All ASTs are monitored regularly for leakage by visual inspection. Tank supports, foundations, exteriors, and containment structures are monitored during the inspections. Visible leaks that could result in a loss of oil large enough to cause an accumulation are promptly reported to the supervisory staff for immediate repair and/or further evaluation. Integrity testing and visual inspection records are maintained pursuant to customary business practice.

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2.2.6 Internal Heating Systems (40 CFR 112.8(c)(7))

40 CFR 112.8(c)(7) requires that leakage that may occur from defective internal heating coils must be controlled by monitoring the steam return and exhaust lines for contamination. Alternatively, the steam return exhaust line must be passed through a settling tank, skimmer, or other separation or retention system.

There are no heating coils in any storage tanks at the facility.

2.2.7 Engineering Controls (40 CFR 112.8(c)(8))

The ASTs at Americhem are visually monitored during the off-loading or transfer of materials into or between tanks. The Americhem personnel present during loading/unloading use direct visual and/or audible communication to signal in the event of a discharge.

The level of each tank is monitored during inspections using direct reading gauges or measurement of freeboard.

Each oil tank is equipped with a direct read gauge, which is checked before loading or unloading and checked again after the work takes place. Venting capacity is suitable for the fill and withdrawal rates.

2.2.8 Plant Effluents (40 CFR 112.8(c)(9))

Effluent treatment facilities must be observed frequently to detect possible system upsets that could cause a discharge of oil. The municipal sewer system catch basins are equipped with filter guard traps so that a spill cannot enter the system. The quality of the runoff entering the system at these locations is inspected as required.

Plant effluents which are discharged to the facility property are observed frequently enough to detect system upsets that could cause an oil spill event.

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2.2.9 Visible Leaks (40 CFR 112.8(c)(10))

Visible discharges from bulk storage containers must be corrected promptly to prevent loss of oil from the container, and any accumulations of oil in diked areas must be promptly removed.

Leaks that result in a loss of oil from tank seams, gaskets, rivets and bolts at Americhem are corrected as soon as practical after detection. Any accumulation of oil within diked areas is removed promptly.

2.2.10 Mobile Containers (40 CFR 112.8(c)(11))

Mobile or portable oil storage containers must be located at the facility to prevent a discharge of oil, and must be stored within secondary containment with sufficient capacity to contain the volume of the largest single compartment or container, with sufficient freeboard to contain precipitation.

Mobile containers used at the Americhem facility include 275- to 350-gallon capacity totes and 55-gallon capacity drums. The locations of mobile containers storing oil are shown in Figure No. 1. The type and capacity of containment for these containers is shown in Table No. 2.

Tankers are positioned or located so as to prevent spilled oil from reaching navigable waters. This area is located where they are not subject to flooding or washout. This entire area has a berm around it that will contain any oil that is spilled, and divert the spill to a large sump where the oil can be recovered (see Figure No. 1).

2.3 Facility Transfer Operations, Pumping, and In-Plant Processes (40 CFR 112.8(d))

Bulk material transfer operations at this facility are summarized below. The location of bulk material transfer operations include inside Warehouse C and the Scale House. Spill prevention measures developed for bulk material transfer operations at this facility are provided in the following subsections.

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2.3.1 Buried Piping (40 CFR 112.8(d)(1))

All product transfer piping throughout the Americhem facility is located above ground.

2.3.2 Inactive Service (40 CFR 112.8(d)(2))

Terminal connections at the transfer point must be capped or blank-flanged and marked as to origin when piping is not in service. All piping at Americhem is either capped or blank-flanged when not in service or in standby service for an extended period of time.

2.3.3 Pipe Supports (40 CFR 112.8(d)(3))

Pipe supports must be properly designed to minimize abrasion and corrosion and to allow for expansion and contraction. Pipeline supports, flange joints, and expansion joints at Americhem have been designed to minimize abrasion and corrosion and allow for expansion and contraction conditions.

2.3.4 Pipeline Inspections (40 CFR 112.8(d)(4))

All aboveground valves, piping and associated equipment must be inspected regularly to assess their general condition. All aboveground pipelines, associated valves, and support structures used in bulk material transfer operations at Americhem are routinely inspected for signs of leakage and maintenance requirements in accordance with inspection procedures contained in this Plan. In addition, pressure testing is conducted as warranted.

2.3.5 Pipeline Protection from Vehicular Traffic (40 CFR 112.8(d)(5))

All vehicles entering the facility must be warned to ensure that the vehicles do not endanger aboveground piping or other transfer operations. Any vehicle granted access to the Americhem facility is verbally warned about aboveground piping.

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**3.0 ADDITIONAL REQUIREMENTS FOR OIL PRODUCTION FACILITIES (40
CFR 112.9 – 112.11, 112.13 – 112.15)**

The requirements of these sections of the SPCC regulations are not applicable to the Americhem facility.

**4.0 ADDITIONAL REQUIREMENTS FOR FATS, OILS, AND GREASE
FACILITIES (40 CFR 112.12)**

See prior sections.

5.0 FACILITY RESPONSE PLANS (40 CFR 112.20)

The facility is not reasonably expected to cause substantial harm to the environment as noted in Attachment B per 40 CFR 112.20(b)(1).

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PIPP SECTION

This section presents the Pollution Incident Prevention Plan (PIPP) for the Americhem facility.

1.0 Pollution Incident Prevention Plan

This PIPP was developed pursuant to the following: Part 5 Spillage of Oil and Polluting Materials administrative rules promulgated pursuant to Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; and the PIPP and Part 5 Rules Information Packet published by the Michigan Department of Environmental Quality (MDEQ) dated June 2003.

2.0 Relationship of the PIPP to the SPCC Plan

The PIPP has been integrated with the SPCC Plan consistent with R324.2006(3) as follows:

A facility that is subject to other local, state, or federal emergency or contingency planning requirements may integrate the pollution incident prevention plan with other plans if the required elements of the pollution incident prevention plan are contained in the integrated plan. Upon preparation of an integrated plan, the facility owner or operator shall submit the updated plan and shall notify the department and rectify compliance with these rules in accordance with subrule (2) of this rule.¹

3.0 Identification of the PIPP Elements Within the SPCC Plan

The following checklist published by the MDEQ identifies the location of the respective PIPP administrative element and the corresponding SPCC Plan subsection. Those PIPP elements not present in the SPCC Plan are also identified, and the required PIPP information is either presented within the checklist or attached as a table or figure as noted in the checklist.

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IN THE PLAN?			SPECIFIC INFORMATION OUTLINE
YES	NO	N/A	
			Rule 6(1) (a) I. Facility identification information

Identify the following information about the facility:

<input checked="" type="checkbox"/>	<input type="checkbox"/>		1. Facility name: See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>		2. Facility owner: See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>		3. Mailing address: See SPCC Plan Title Page
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4. Street address (if different from mailing address).
<input checked="" type="checkbox"/>	<input type="checkbox"/>		5. Facility telephone number: See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>		6. 24-Hour emergency telephone number(s): See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Designated spill prevention and control coordinator. It is recommended to also have an alternate contact. See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Name of person(s) responsible for on-site spill prevention and control (if different from coordinator). It is recommended to also have an alternate contact. See SPCC Plan Title Page
<input checked="" type="checkbox"/>	<input type="checkbox"/>		9. Procedures that will be used to notify individuals within the facility. It is recommended you include how the following will be alerted of an emergency at the facility: See SPCC Plan Attachment C
<input checked="" type="checkbox"/>	<input type="checkbox"/>		a. Spill prevention and control coordinator: See SPCC Plan Attachment C
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. Person(s) responsible for on-site spill prevention and control if different from coordinator, and See SPCC Plan Attachment C
<input checked="" type="checkbox"/>	<input type="checkbox"/>		c. Other people in the facility about the emergency. See SPCC Plan Attachment C
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10. Map showing facility relative to the surrounding area, include thoroughfares. See Attached Figure Nos. 1 and 2.

Rule 6(1) (b)	II. Notification Procedures to Entities Outside of Facility
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Identify the reporting procedures that will be used to notify entities off-site. At a minimum, include notification to the following:

(See Attachment A)

<input checked="" type="checkbox"/>	<input type="checkbox"/>		1. Michigan Department of Environmental Quality
<input checked="" type="checkbox"/>	<input type="checkbox"/>		a. PEAS Hotline (800) 292-4706
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. District office during business hours (517) 335-6010
<input checked="" type="checkbox"/>	<input type="checkbox"/>		2. U.S. Coast Guard – National Response Center (800) 424-8802
<input checked="" type="checkbox"/>	<input type="checkbox"/>		3. Local emergency planning committee (517) 887-4508
<input checked="" type="checkbox"/>	<input type="checkbox"/>		4. Local fire department (517) 244-9025
<input checked="" type="checkbox"/>	<input type="checkbox"/>		5. Local law enforcement agency (e.g., police, sheriff's department) (517) 676-2458
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Municipal wastewater treatment plant if facility served by that plant (517) 676-9155
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Spill clean-up contractor, or consulting firm, or both: MPC (313)849-2333 Integrated Environmental (248) 477-5021/(517) 740-8793
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Other local, state, and/or federal agencies or entities that you may be required to report releases under other regulations (required if preparing an ICP that has additional reporting requirements).

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Rule 6 (1) (c) III. Spill Control and Cleanup Procedures

Identify information about how the facility will control spills and conduct cleanups of releases:

			1. Inventory and location of spill control and cleanup equipment (type and quantity): See SPCC Plan Figure No. 3 and Table No. 3
■	□		a. Equipment available on-site: See SPCC Plan Table No. 3
■	□	□	b. Equipment available off-site: See Attached Table No. 1
■	□		2. Procedures for response and cleanup: See SPCC Attachment C
■	□		3. Procedures for characterization and disposal of recovered materials: See Attachment B

Rule 6(1) (d) IV. Polluting Material Inventory

Include information about polluting materials typically on-site in quantities exceeding TMQs during the preceding 12 months:

			1. Polluting Material(s) by: See Attached Table No. 2
■	□		a. Chemical Name(s), and See Attached Table No. 2
■	□		b. Product Name (e.g., Trade Name(s)), and See Attached Table No. 2
■	□		c. Chemical Abstracts Service (CAS) number See Attached Table No. 2
■	□		2. Location where the Material Safety Data Sheets (MSDS) are kept for these polluting materials: See Attached Table No. 2

Rule 6(1) (e) V. Site Plan

Include a site plan that shows relevant site structures and all storage and use areas where polluting materials are managed on-site in quantities exceeding TMQs. Identify any and all of the following:

■	□	□	1. Aboveground and underground storage tanks: See SPCC Figure No. 1
□	□	■	2. Floor drains (know where these floor drains lead to)
■	□	□	3. Loading and unloading areas, docks: See SPCC Figure No. 1
■	□	□	4. Sumps (sump pumps) See SPCC Figure No. 1
■	□	□	5. On-site water supply See SPCC Figure No. 1
□	□	■	6. Containment structures for solid polluting materials
■	□	□	7. Secondary containment structures for liquid polluting materials See SPCC Figure No. 1
■	□	□	8. Other storage and use areas of polluting materials that do not exceed TMQs (recommended) See SPCC Figure No. 1; Maintenance Building
■	□	□	9. Other relevant site structures: See SPCC Figure No. 1

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Rule 6(1) (f) VI. Outdoor Secondary Containment for Liquid Polluting Materials

Include information about outdoor secondary containment structures on-site used for liquid polluting materials exceeding TMQs:

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Location(s): See SPCC Plan Figure No. 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Design and construction data including: See SPCC Table No. 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. Dimensions See Attached Table No. 3
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. Construction materials (and types of coatings) used See SPCC Table No. 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. Holding capacity See SPCC Table No. 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d. Amount of polluting material stored in that structure See SPCC Table No. 1
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. How spilled polluting materials will be captured and removed: See SPCC Attachment C
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Provisions for physical security of secondary containment structure, such as:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. Signage: There is signage at the access gates, requiring visitors, vendors, and/or customers to register upon entering the site.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. Gates & Fences: See SPCC Plan Subsection 1.13.1
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Barriers
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. Other
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Precipitation management (rain or storm water and snow accumulation) procedures: See SPCC Plan Subsections 2.1.3, 2.1.4, and 2.1.5
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a. Characterization of collected precipitation: See SPCC Plan Subsections 2.1.3, 2.1.4, and 2.1.5
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b. Disposal procedures: See SPCC Plan Subsections 2.1.3, 2.1.4, and 2.1.5
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c. Copies of permits or exemptions authorizing discharge (i.e., from DEQ, local wastewater treatment plant): See Attached NPDES Permit
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Inspections and maintenance procedures: See SPCC Plan Subsection 1.11

Rule 6(1) (g) & (h) VII. Other control mechanisms and facility security

Include the following information if it has not already been addressed in the plan:

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Other control mechanisms at facility to prohibit or control releases: See SPCC Plan Subsections 1.7.2.2; 1.7.2.3; 1.7.2.4; 1.9; 1.9.1; 1.9.2; 1.9.3; 1.9.4; 1.12.3; 1.13.2; 1.13.3; 1.13.4; 1.14.3; 2.23.1; and 2.2.3.3.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Provisions for general facility physical security: See SPCC Plan Subsections 1.13, and 1.13.1

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Rule 6(2) – (5) VIII. Plan preparation, submittal, and update requirements

Complete PIPP or ICP, review and update as necessary, and submit notifications:

<input checked="" type="checkbox"/>	<input type="checkbox"/>		1. PIPP, or update, is completed by August 31, 2003
<input checked="" type="checkbox"/>	<input type="checkbox"/>		2. Plan is kept at the facility and available for inspection: Building No. 1 (administration).
<input checked="" type="checkbox"/>	<input type="checkbox"/>		3. Notification that PIPP or ICP has been prepared and certification of compliance with Part 5 rules sent to WD district office within 30 days of completing the PIPP or ICP
<input checked="" type="checkbox"/>	<input type="checkbox"/>		4. Notification sent to LEPC that plan is completed and available upon request
<input checked="" type="checkbox"/>	<input type="checkbox"/>		5. Notification sent to local health department that the plan is completed and available upon request
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Copy of plan submitted to a requesting agency within 30 days after receiving the request
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Plan is evaluated every three years and after any release requiring implementation of the plan
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Plan is updated if any facility personnel, processes, or procedures that were included in the plan occur, or other changes are necessary to maintain compliance with rules
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9. Recertification and re-notification of updates are sent to WD district office, LEPC, and local health department
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10. Plan is modified within 30 days of receipt, or other DEQ provided response timeframe, of the DEQ's request to modify the plan if found to be incomplete or inadequate; submit re-notification and recertification

ⁱ (2) The facility owner or operator shall maintain the plan at the facility available for inspection upon request of the department. Within 30 days after its completion, the facility owner or operator shall notify the department and certify that the facility is in full compliance with these rules and notify the local emergency planning committee and the local health department serving the facility that the pollution incident prevention plan has been completed and is available upon request. Within 30 days after receiving a request for a copy of the plan from the department, the facility owner or operator shall submit a copy of the pollution incident prevention plan to the requesting agency.

TABLES

TABLE NO. 1
ABOVEGROUND STORAGE TANKS AND CONTAINMENT STRUCTURES

TANK #	PRODUCT	TANK CAPACITY	TANK CONSTRUCTION	LOCATION	CONTAINMENT STRUCTURE
1	LACOLENE	20,000	STEEL, PAINTED	SOLVENT TANK FARM	Concrete containment structure with approximate capacity of +75,600 gallons.
2	MEK	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
3	MINERAL SPIRITS	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
4	VM & P	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
5	ODORLESS MS	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
6	XYLENE	30,000	STEEL, PAINTED	SOLVENT TANK FARM	
7	METHANOL	30,000	STEEL, PAINTED	SOLVENT TANK FARM	
8	LEADED GASOLINE (111)	30,000	STEEL, PAINTED	SOLVENT TANK FARM	
9	TOLUENE	30,000	STEEL, PAINTED	SOLVENT TANK FARM	
10		30,000	STEEL, PAINTED	SOLVENT TANK FARM	
11	N-PROPYL ALCOHOL	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
12	AMSOL 10	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
13	KEROSENE	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
14	0 AROMATIC MS	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
15			STEEL, PAINTED	SOLVENT TANK FARM	

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TABLE NO. 1
ABOVEGROUND STORAGE TANKS AND CONTAINMENT STRUCTURES

16	142 SOLVENT	20,000	STEEL, PAINTED	SOLVENT TANK FARM	Concrete containment structure with approximate capacity of +75,600 gallons
17	100 SOLVENT	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
18	ACETONE	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
19	HEPTANE	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
20	IPA	20,000	STEEL, PAINTED	SOLVENT TANK FARM	
21	PARA 100	20,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C plus concrete berm with storage capacity of +38,000 gallons
22	PARA 300	20,000	STEEL, PAINTED	WAREHOUSE C	
23	HYNAP 40HT	20,000	STEEL, PAINTED	WAREHOUSE C	
24	AMSOL 600	20,000	STEEL, PAINTED	WAREHOUSE C	
25	AM 600 SOL. SOLVENT	20,000	STEEL, PAINTED	WAREHOUSE C	
26	AMSOL 400	20,000	STEEL, PAINTED	WAREHOUSE C	
27	AMSOL 650	20,000	STEEL, PAINTED	WAREHOUSE C	
28	AMSOL 400	20,000	STEEL, PAINTED	WAREHOUSE C	
29	230 SOLVENT	20,000	STEEL, PAINTED	WAREHOUSE C	
45	NAP 100	19,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C plus concrete berm with storage capacity of +33,900 gallons
46	NAP 100	19,000	STEEL, PAINTED	WAREHOUSE C	
47	NAP 100	19,000	STEEL, PAINTED	WAREHOUSE C	

TABLE NO. 1
ABOVEGROUND STORAGE TANKS AND CONTAINMENT STRUCTURES

48	NAP 300	19,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C plus concrete berm with storage capacity of +33,900 gallons
49	HYNAP 40HT	19,000	STEEL, PAINTED	WAREHOUSE C	
50	NAP 1200	19,000	STEEL, PAINTED	WAREHOUSE C	
51	NAP 2400	19,000	STEEL, PAINTED	WAREHOUSE C	
52	NAP 2400	19,000	STEEL, PAINTED	WAREHOUSE C	
53	NAP 750	10,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C
54	68 HYD AW	10,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C
55	B 500-X	10,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C plus concrete berm with storage capacity of +3,100 gallons
56	BRITE STOCK	10,000	STEEL, PAINTED	WAREHOUSE C	
57	OUT OF SERVICE	10,000	STEEL, PAINTED	WAREHOUSE C	
58	OUT OF SERVICE	10,000	STEEL, PAINTED	WAREHOUSE C	
59	46 HYD AW	10,000	STEEL, PAINTED	WAREHOUSE C	
60	220 WAYLUBE	7,500	STEEL, PAINTED	WAREHOUSE C	
61	CYC. STOCK	7,500	STEEL, PAINTED	WAREHOUSE C	Warehouse C
65	RP-1000	3,000	STEEL, PAINTED	WAREHOUSE C	
66	32 HYD. AW	3,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C
67	15W 40WT CJ-4	3,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C
68	68 WAYLUBE	3,000	STEEL, PAINTED	WAREHOUSE C	Warehouse C

TABLE NO. 1
ABOVEGROUND STORAGE TANKS AND CONTAINMENT STRUCTURES

69	GT- 1200	1,900	STEEL, PAINTED	WAREHOUSE C	Warehouse C
70	DIESEL FUEL	12,000	STEEL, DOUBLE WALL FIRE RATED, PAINTED	NORTHWEST CORNER OF SCALE HOUSE	Double walled plus concrete containment with approximate capacity of 17,500 gallons

Table No. 2

Mobile Container Storage Location and Containment Structure

Mobile Container Locations	DESCRIPTION	CONTAINMENT STRUCTURE
Warehouse A	Drum and tote storage.	Warehouse A building acts as containment
Warehouse B	Drum and tote storage.	Warehouse B building acts as containment
Warehouse C	Oil blending building including drum and tote filling and storage.	Warehouse C building acts as containment including a sloped floor and subsurface trench in the tanker loading and unloading area.
Warehouse D	Solvent building; drum and tote filling and storage.	Warehouse D acts as containment including a floor sloped to center of building; drumming area has additional containment curbing.
Scale House	Primarily tanker loading and unloading area; occasional drum and tote storage.	Concrete structure within the building with approximate capacity of 18,000 gallons.
Hose Storage Building	Hose, drum and tote storage.	Concrete structure within the building with approximate capacity of 12,462 gallons.

Table No. 3

Spill Station Contents and Emergency Equipment

Identification	Location	Contents	Capabilities
Spill Response Stations	See Figure No. 3	Aluminum shovel; safety drum; pallet; floor dry; broom	Stop and absorb spread of accidental release; safety drum is of sufficient size to contain a 55 gallon drum
Fire Extinguishers	See Figure No. 3	Type ABC	Extinguish small fires
Eye Wash Stations	See Figure No. 3	Eye wash solution	Rinse eyes with water
Personnel Protective Equipment	Throughout the plant (contact supervisor)	Rubber gloves; rubber apron; face shield; eye protection (side shields, glasses, goggles); hard hats; respirators	Protect employees from contact with liquids

Additional spill and emergency response equipment is available through ASC's spill response contractor MPC Environmental (313) 849-2333.

Table No. 4
Loading/Unloading Area Containment Structures

Mobile Container Locations	DESCRIPTION	CONTAINMENT STRUCTURE
Warehouse A	Drum and tote loading/unloading of vans and box trucks.	Warehouse A building acts as containment
Warehouse B	Drum and tote loading/unloading of vans and box trucks.	Warehouse B building acts as containment; truck well is sloped toward the building.
Warehouse C	Loading/unloading of oil tankers.	Warehouse C building acts as containment including a sloped floor and subsurface trench in the tanker loading and unloading area.
Warehouse D	Drum and tote loading/unloading of vans and box trucks.	Warehouse D acts as containment including a floor sloped to center of building; drumming area has additional containment curbing; truck well is sloped toward the building; portable containment is used, if necessary.
Scale House	Primarily tanker loading and unloading area; occasional drum and tote storage.	Concrete structure within the building with approximate capacity of 18,000 gallons.

FIGURES

ATTACHMENT A

Certification for the Applicability of the Substantial Harm Criteria Checklist (C-11 Form)

ATTACHMENT A

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

FACILITY NAME:

Americhem Sales Corporation

FACILITY ADDRESS:

340 North Street, Mason, MI 48854

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
Yes _____ No X
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
Yes _____ No X
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments," (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
Yes _____ No X
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility would shut down a public drinking water intake?²
Yes _____ No X
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
Yes _____ No X

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete.

Bruce L. Whetter

Name (type or print)

Signature

President, Owner

Title

Date

¹ If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

² For the purpose of 40 CFR Part 112, public drinking water intakes are analogous to public water systems as described in 40 CFR 143.2(c) (from 40 CFR 112 Appendix C, Attachment C-II).

ATTACHMENT B

Bulk Loading/Unloading and Material Transfer Procedures

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 002	Title: Loading a Tanker from a Bulk Storage Tank		
Revision Number: 4	Effective Date: 08/25/00	Approval: Plant Manager	Page: 1 of 3

Scope

Loading a tanker from a bulk tank.

Equipment Needed

Pump
Hoses
Load list

Precautions

Hazardous Material
Consult MSDS

Procedure

1. Verify which product is to be loaded into which compartment.
2. Get a beginning weight on the truck.
3. Spot the truck at the loading position.
4. Open the valve to any emergency collection tank.
5. Be sure the truck engine, radios, lights, and any electrical apparatus are turned off. Set the brake. Be sure all persons are out of the vehicle. Do not allow repairs or adjustments to be made on the vehicle. If later the engine will not start, the truck must be towed away from the unloading/loading area for jump-starting or repairs to be made.
6. Open the dome lids. Visually check that each compartment is empty and clean or free of contaminating residual product.

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 002	Title: Loading a Tanker from a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/25/00	Approval: N/A	Page: 2 of 3

7. Connect the hose, align valves, pump, meter and lines to the proper tank and vehicle compartment. In forward product goes in the bottom of the pump and out the top.
8. Be sure catch pans or buckets are in position as required and the air separator is opened and numbers are set to zero on the meter.
9. Double check.
10. Begin loading.
11. Check all connections for leaks. Catch all of these.
12. A trained and authorized company employee must be in the immediate area throughout the loading, aware of what is happening, and capable of quickly and effectively resolving any problem which may occur. The employee may, however; perform other productive work during the loading if the above can be accomplished. The driver, if not an employee, must stay near the truck in case it must be moved or stay in a designated area on call if needed.
13. When changing hose and/or product from one compartment to another, do not allow product to be released.
14. When the approximate quantity desired has been loaded in a compartment:
 - A. Close the valve to the storage tank.
 - B. Walk the hose to the meter, close air separator, then walk the hose to the truck.
 - C. Close the compartment internal safety valve.
 - D. Close the gate valve on the tanker product tube.
 - E. Turn off the pump.
 - F. Open air separator to release air then disconnect hoses.
 - G. A small amount of product may be in the hose from the pump to the tank line valve. Catch this.
 - H. Lock all tanker valves, and put proper tag on each valve for easy identification of product that is in each compartment.

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 002	Title: Loading a Tanker from a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/25/00	Approval: N/A	Page: 3 of 3

15. When the approximate desired quantity has been loaded by meter, tank gauge, or vehicle compartment observation the accurate quantity must be determined. Gauge the vehicle compartment and correct for temperature. Accommodate for any quantity in the vehicle lines.
16. Take a retain sample out of the product load so that the lab can test for a CofA if needed.
17. Secure the dome lids and outlets.
18. Placard the vehicle properly.
19. Be sure shipping papers and weight ticket correctly identify what product is in each compartment.
20. If any problems arise while loading a tanker, stop all processes and contact your supervisor.
21. Be sure to fill out form No. INS 500 – Tank Truck Loading Report

References:

Form No. 011 – Load List
Form No 2F – Scale Ticket

Revision History

This document was originally issued on August 11, 1999 at revision 0. It has been revised as follows:

Date	Revision Details	Revision
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Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 002	Title: Loading a Tanker from a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/25/00	Approval: N/A	Page: 4 of 3

		Level
12/13/99	Deleted "Reverse the Pump" from 14. Added completing form # INS 500 to procedures and referenced forms 011 and 2F.	1
12/14/99	Added reaction plan.	2
08/25/00	Added instruction 16 and 8 and removed ground strips and locking tank valves	3
3/06/02	Added H. to Procedure	4

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 003	Title: Unloading Tankers into Bulk Storage		
Revision Number: 3	Effective Date: 07/07/03	Approval: Plant Manager	Page: 1 of 3

Procedure

1. Operations obtains a copy of the driver's load list for the appropriate tanker to be unloaded.
2. The tanker is taken to the Scale House and a beginning weight is recorded.
3. The tanker is then pulled into the Oils Warehouse. The truck engine, radios, lights, and any electrical apparatus are turned off. Set the brake. Be sure all persons are out of the vehicle. Do not allow repairs or adjustments to be made on the vehicle. If later the engine will not start, the truck must be towed away from the unloading/loading area for jump-starting or repairs to be made.
4. Open the dome lids, verify what product is in each compartment. Collect a retain sample and turn it into the lab for approval. Visually check the liquid level relative to any marker. Gauge the "innage", take the temperature, compute the temperature corrected quantity, and compare this with that on the shipping paper. You may collect the top retain sample at this time. Report any significant variance before unloading to the supervisor. Have the driver, if not ours, verify any shortage innage and so indicate on the shipping paper. Managers will resolve any apparent shortage with vendors before unloading.
5. Gauge the appropriate bulk storage tank to determine if there is room for the quantity of product being unloaded.
6. You may collect a bottom retain sample at this time.
7. Hook up hose to compartment on tanker to be unloaded (always work from front to back when unloading).
8. Connect the hose; align valves, pump, and lines to the proper tank.
9. Be sure catch pans or buckets are in position as required.
10. Double check and wait for the lab's approval to unload product.
11. Begin unloading.

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 003	Title: Unloading a Tanker into Bulk Storage		
Revision Number: 3	Effective Date: 07/07/03	Approval: N/A	Page: 2 of 3

12. Check all connections for leaks. Catch all leaks.
13. A trained and authorized company employee must be in the immediate area throughout the entire unloading process. The driver must stay in the designated area in case the truck needs to be moved.
14. When the tanker is empty, the unloader must visually check the interior of each compartment. Do not leave a "heel" of product in a compartment.
15. Disconnect the hose and "walk it dry" to the tank, to the shut tank valve, then the shut off pump. Do not allow product to be released.
16. Close and secure the dome lids and cap valves on tanker.
17. Placard as appropriate.
18. After the tanker is finished, be sure to close any valve to an underground emergency collection tank and cover the sump/drain. After tanker has been finished, an emptied weight must be obtained.
19. Close and lock all cap valves that have been used.
20. Gauge the tank volume.
21. Reaction Plan: If any problems occur while unloading the tanker, stop all processes and contact your supervisor.
22. Be sure to fill our form No. INS 500 – Tank Truck Unloading Report.

References:

Form No. 011 – Unload List
Form No. 2F – Scale Ticket

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 003	Title: Unloading a Tanker into Bulk Storage		
Revision Number: 3	Effective Date: 07/07/03	Approval: N/A	Page: 3 of 3

Revision History

This document was originally issued on August 18, 1999 at revision 0. It has been revised as follows:

Date	Revision Details	Revision Level
12/14/99	Added Reaction Plan and Forms 011 and 2F to References..	1
08/25/00	Added to 7,11, 16,17,19,20	2
07/07/03	Changed word "moved" to "finished" in #18	3

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 004	Title: Drumming		
Revision Number: 3	Effective Date: 02/01/10	Approval: Plant Manager	Page: 1 of 2

Scope

Procedure for filling drums and totes from a storage tank in the Oils Warehouse.

Equipment Needed

Pump
Floor Scale
Meter
Nozzle

Precautions

Consult MSDS for products precautions

Procedure

1. A proper reconditioned drum from drum reconditioner will be used, unless a new drum is specified by customer requirements.
2. Drum will be visually inspected for obvious contamination or damage inside and out.
3. Proper hoses, nozzles, meters, and pumps are used.
4. Speed of filling will be closely monitored to prevent over filling.
5. Obtain the weight per gallon of the product that you are working on. Multiply the desired amount of the containers you are filling. If the containers are different than 55 gallons or 300 gallons then note and notify order entry with this information. The variance other than 55 gallon containers must be reported on Daily Drumming Report (FRM 025) with customer name and fill amounts either in gallons or pounds.
6. The correct and proper OSHA and DOT labeling and marking is used.
7. All bungs are tightened to prevent leaks and sealed.
8. A constant "Double Check" system is used to insure that product, containers, and markings are correct.

Americhem Sales Corporation**Oils Warehouse Work Instructions**

WI Number: 004	Title: Drumming		
Revision Number: 3	Effective Date: 02/01/10	Approval: N/A	Page: 2 of 2

Revision History

This document was originally issued on August 11, 1999 at revision 0. It has been revised as follows:

Date	Revision Details	Revision Level
02/09/01	Added fill drums and totes by weight	1
07/07/03	Changed number 5	2
02/01/10	Changes to number 1 and 2.	3

Americhem Sales Corporation**Solvents Warehouse Work Instructions**

WI Number: 004	Title: Drumming		
Revision Number: 2	Effective Date: 02/01/10	Approval: Plant Manager	Page: 1 of 2

Equipment Needed

Pump
Meter
Hoses
Nozzle

Precautions

Hazardous Materials
Consult MSDS

Procedure

1. A proper reconditioned drum from drum reconditioner will be used, or a new drum may be used if the customer requirement calls for one.
2. Drum will be visually inspected for obvious contamination or damage. Internal checking of the drum will be done with a flash light and a white towel – looking for excessive water or oily film.
3. Proper hoses, nozzles, meters, and pumps are used.
4. Proper grounding procedures are adhered to.
5. Speed of filling will be closely monitored to prevent over filling.
6. The correct and proper OSHA and DOT labeling and marking is used.
7. All bungs are tightened and sealed to prevent leaks.
8. A constant “Double Check” system is used to insure that product, containers, and markings are correct.

Americhem Sales Corporation**Solvents Warehouse Work Instructions**

WI Number: 004	Title: Drumming		
Revision Number: 2	Effective Date: 02/01/10	Approval: N/A	Page: 2 of 2

Revision History

This document was originally issued on July 1, 1998 at revision 0. It has been revised as follows:

Date	Revision Details	Revision Level
10/15/99	Changes from External Audit: Eagle Group	1
02/01/10	Internal drum checks specified.	2

Americhem Sales Corporation**Scale House Work Instructions**

WI Number: 005	Title: Drumming		
Revision Number: 1	Effective Date: 10/15/99	Approval: Plant Manager	Page: 1 of 2

Equipment Needed

Pump
Meter
Hoses
Nozzle

Precautions

Hazardous Materials
Consult MSDS

Procedure

1. A proper reconditioned drum from drum reconditioner will be used.
2. Drum will be visually inspected for obvious contamination or damage.
3. Proper hoses, nozzles, meters, and pumps are used.
4. Proper grounding procedures are adhered to.
5. Speed of filling will be closely monitored to prevent over filling.
6. The correct and proper OSHA and DOT labeling and marking is used.
7. All bungs are tightened and sealed to prevent leaks.
8. A constant "Double Check" system is used to insure that product, containers, and markings are correct.

Americhem Sales Corporation**Scale House Work Instructions**

WI Number: 005	Title: Drumming		
Revision Number: 1	Effective Date: 10/15/99	Approval: N/A	Page: 2 of 2

Revision History

This document was originally issued on July 1, 1999 at revision 0. It has been revised as follows:

Date	Revision Details	Revision Level
10/15/99	Changes from External Audit: Eagle Group	1

Americhem Sales Corporation**Scale House Work Instructions**

WI Number: 001	Title: Unloading a Tanker into a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/15/00	Approval: Plant Manager	Page: 1 of 3

Equipment Needed

Pump
Hoses
Load list for tanker
Supplier C of A

Precautions

Hazardous material
Consult MSDS

Procedure

1. Compare load list with product on the tanker to be unloaded.
2. Use tractor to get tanker to be unloaded and place it on the scale.
3. Get a beginning weight off of the scale monitor and write it down.
4. Ground Tanker.
5. Open dome lids, you may take a top sample at this time.
6. Take bottom sample, if needed, out of the same compartment that the top sample was taken from.
7. Label each sample.
8. Take the sample to the lab for testing and approval.
9. If approved, the unloading process can begin after checking to make sure there is enough room in the bulk tank to unload all the product.
10. Drain all hoses.

Americhem Sales Corporation**Scale House Work Instructions**

WI Number: 001	Title: Unloading a Tanker into a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/15/00	Approval: N/A	Page: 2 of 3

11. Open all tanker valves, Carefully, and clean product out of each filler tube to make sure last contained product has been drained out into collection pan or bucket.
12. Make sure pump outlet is connected to filter inlet and filter outlet to the hose connecting the bulk storage tank.
13. Connect inlet hose from the tanker to the bottom inlet of the pump.
14. Get the correct key from the key cabinet.
15. Unlock the correct chemical tank lock.
16. Double check all of above steps.
17. Open safety valve or valves.
18. Open tanker valve or valves.
19. Lift up on the safety lock and twist counterclockwise.
20. Open bulk storage tank valve.
21. Turn on the pump by pressing the forward button on the switch hanging on the wall. A green light should appear.
22. The pump should now be pumping product into the bulk storage tank.
23. Check the scale monitor to make sure the weight of the tanker is decreasing.
24. Let pump run until tanker is empty.
25. Once tanker is empty unhook hose from tanker, then shut valve on storage bulk tank and lock it.
26. Shut off pump.

Americhem Sales Corporation**Scale House Work Instructions**

WI Number: 001	Title: Unloading a Tanker into a Bulk Storage Tank		
Revision Number: 3	Effective Date: 08/15/00	Approval: N/A	Page: 3 of 3

27. Unhook hose from storage bulk tank, replace cap, and then drain all hoses used into catch pale.
28. Get ending weight and follow scale monitor use in chapter 3 of work instructions. Get ending inches on storage bulk tank.
29. Be sure to fill out form No. INS 500 – Tanker Truck Unloading Report.
30. If not reloading tanker shut all valves and dome lids, and place tanker out in yard.
31. Reaction Plan: If any problems arise while unloading a tanker, stop all processes and contact your Supervisor.

References:

Form No. 011 – Unload List

Form No. 2F – Scale Ticket

Revision History

This document was originally issued on August 1, 1999 at revision 0. It has been revised as follows:

Date	Revision Details	Revision Level
10/15/99	Changes from External Audit: Eagle Group	1
10/14/99	Added completing form INS 500 to work instructions and referenced Forms 011 and 2F. Added Reaction Plan.	2
08/15/00	Procedure was re-written	3

ATTACHMENT C

Discharge Response and Cleanup Procedures

ATTACHMENT C

DISCHARGE RESPONSE AND CLEANUP PROCEDURES CONTINUED

Incidental spills of oil/oily waste that are less than 250 gallons in total volume are to be cleaned up using sorbent material or equivalent at the time the spill or release occurs or upon discovery.

Spills and/or releases of oil/oily waste that are 250 or more gallons in total volume should be mitigated pursuant to the following procedure.

1. If personal safety is at risk, leave the area of the spill or release immediately.
2. If readily practical, stop the spill or release by shutting off equipment or closing valves or other means as appropriate.
3. Contact supervisory management immediately, including the spill coordinator via verbal communications, cell phones and/or hand signals. Management personnel and/or the spill coordinator will determine the need, if any, for the notification of non-ASC response personnel. Management and/or the spill coordinator will also determine whether or not the spill response contractor should be mobilized to the site.
4. If the material is not known, identify the material and identify the nature of the material as soon as practical (e.g., acid, caustic, oil, non-oil, etc.).
5. If the spill or release is from a mobile container, assess if movement of the container by turning or placement in an over pack or other containment structure is a suitable means of mitigating the spill or release.
6. Contain as much of the spill or release as is practical using available and appropriate sorbent or other spill control materials.
7. Where applicable, prevent the migration of material to the sewer drain.
8. Should any injuries to personnel occur, be certain to provide and/or arrange for appropriate medical attention.
9. Management and/or the spill coordinator will direct personnel evacuations, if necessary.

ATTACHMENT C

DISCHARGE RESPONSE AND CLEANUP PROCEDURES CONTINUED

10. Proceed with the collection of the spill or release material and transfer into treatment or storage tanks, or mobile containers as appropriate using a pump, hose, vacuum truck, excavator or other equipment. The material will be either processed on-site or prepared for disposal off-site pursuant to applicable laws and regulations.
11. If necessary, provide verbal and/or written notification to the appropriate regulatory agencies as required by applicable laws and/or regulations.
12. After resolution of the incident, monitor all affected operating equipment and/or structures and assure proper integrity prior to the restart of operations.

A listing of the spill response equipment and supplies and their location are provided in Table No. 3 and Figure No. 3.

Emergency contractors and telephone numbers are provided on the cover page to this Plan and are posted throughout the plant.

ATTACHMENT D

Notification – Reportable Spill Events

ATTACHMENT D

NOTIFICATION – REPORTABLE SPILL EVENTS*

Date: _____

Time: _____

Estimated quantity of oil leaving the facility: _____

Oil type or product spilled: _____

Facility name: _____ Americhem Sales Corporation

Facility location: _____ 340 North Street, Mason, Michigan 48854

Facility phone number: _____ (517) 676-9363

Your name and title: _____

Agency/agencies called: _____

Signature: _____

****"Reportable spill" = any amount of oil product leaving the facility.***

ATTACHMENT E

Record of Drainage Events

ATTACHMENT E

RECORD OF DRAINAGE EVENTS

DATE	OPERATOR	RETENTION BASIN	CONDITION OF WATER	LOCATION MOVED	TREATMENT

ATTACHMENT F

Facility Inspection Checklist

FACILITY INSPECTION CHECKLIST

Instructions: This inspection record will be completed every month. Place an X in the appropriate box for each item. If any response requires elaboration, do so in the description or comments area provided below. Further description or comments should be attached on a separate sheet of paper if necessary.

	<u>Yes</u>	<u>No</u>	<u>Description</u>
1) Tank surface show signs of leakage	<input type="checkbox"/>	<input type="checkbox"/>	_____
2) Tanks are damaged, rusted, or deteriorated	<input type="checkbox"/>	<input type="checkbox"/>	_____
3) Bolts, rivets or seams are damaged	<input type="checkbox"/>	<input type="checkbox"/>	_____
4) Tank foundations have eroded or settled	<input type="checkbox"/>	<input type="checkbox"/>	_____
5) Level gauges or alarms are inoperative	<input type="checkbox"/>	<input type="checkbox"/>	_____
6) Vents are obstructed	<input type="checkbox"/>	<input type="checkbox"/>	_____
7) Valve seals or gaskets leak	<input type="checkbox"/>	<input type="checkbox"/>	_____
8) Pipelines or supports are damaged or deteriorated.	<input type="checkbox"/>	<input type="checkbox"/>	_____
9) Loading or unloading area is clean	<input type="checkbox"/>	<input type="checkbox"/>	_____
10) Connections are not capped or blank-flanged	<input type="checkbox"/>	<input type="checkbox"/>	_____
11) Secondary containment is damaged or stained	<input type="checkbox"/>	<input type="checkbox"/>	_____
12) Dike sumps are covered and dry	<input type="checkbox"/>	<input type="checkbox"/>	_____
13) Fencing, gates, lighting is non-functional	<input type="checkbox"/>	<input type="checkbox"/>	_____
14) General house keeping is being done.	<input type="checkbox"/>	<input type="checkbox"/>	_____

Remarks:

Signature: _____ Date: _____

AMERICHEM SALES CORPORATION

DOCK AUDIT
SAFETY INSPECTION

DATE: _____

AUDITOR _____

FIRST AID KITS: ☐ ☐ ☐ ☐ ☐

SAFETY SHOWERS: ☐ ☐

EYE WASH STATIONS: ☐ ☐ ☐ ☐

FIRE EXTINGUISHERS: _____

GENERAL CONDITIONS

1) OIL
WAREHOUSE _____

2) SOLVENT
BLDG. _____

3) SCALE HOUSE

4) MAINT. BLDG.

5) OLD SCALE
HOUSE _____

ATTACHMENT G

SPCC Training Session Records

MEETING SIGN-IN SHEET

Meeting Title:

Training Yearly

Date:

9-25-10

~~AD-25-10~~

[illegible]

ATTACHMENT H

NPDES Permit



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
SURFACE WATER QUALITY DIVISION
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
Authorized by Michigan Act 451, Public Acts of 1994, as amended, Part 31

CERTIFICATE OF COVERAGE

UNDER GENERAL PERMIT NO. MIR020000
STORM WATER WITH REQUIRED MONITORING - CYCLE YEAR 3 WATERSHEDS GENERAL PERMIT

CERTIFICATE OF COVERAGE NO.: MIR020015
DESIGNATED NAME: Americhem Sales Corp
PERMITTEE MAILING ADDRESS: Americhem Sales Corporation
P.O. Box 235
Mason, Michigan 48854

This certificate of coverage authorizes Americhem Sales Corporation to discharge an unspecified amount of storm water which meets the criteria established in General Permit No. MIR020000. The discharge is from Americhem Sales Corporation located at 340 North Street, Mason, Michigan 48854. The discharge is to the Sycamore Creek in the SW1/4, SE1/4, Section 5, T2N, R1W, Ingham County.

This authorization is based on written certification received on April 27, 2000, that the permittee is in compliance with the following requirements of the Storm Water Pollution Prevention Plan and the general permit (see Part I.A.3. of the general permit):

1. Source identification requirements.
2. Certified storm water operator requirements.
3. Prohibition of unauthorized non-storm water discharges.
4. Non-structural preventative measures and source controls.
5. Structural storm water pollution control requirements as needed.

By December 22, 2000, the permittee shall submit an approvable plan for monitoring and analysis of storm water discharges from secondary containment structure(s) required by state or federal law and land(s) on Michigan's List of Sites of Environmental Contamination that may contribute pollutants to storm water.

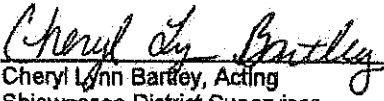
References in the general permit to the District Supervisor of the Surface Water Quality Division shall be defined as the Shiawassee District Supervisor of the Surface Water Quality Division. The Shiawassee District Office is located at 10650 Bennett Drive, Morrice, Michigan 48857-9792, Telephone: 517-625-5515, Fax: 517-625-5000.

Any party who is aggrieved by this certificate of coverage may file a sworn petition for a contested case hearing on this certificate of coverage with the Office of Administrative Hearings of the Michigan Department of Environmental Quality in accordance with the provisions of R323.2192(c) of the Michigan Administrative Code. The Department may reject any petition filed more than 60 days after issuance as being untimely. If any condition of this certificate of coverage is administratively challenged, the previous authorization, certificate of coverage or individual permit, will remain in effect until the Department takes final action after the Administrative Hearing.

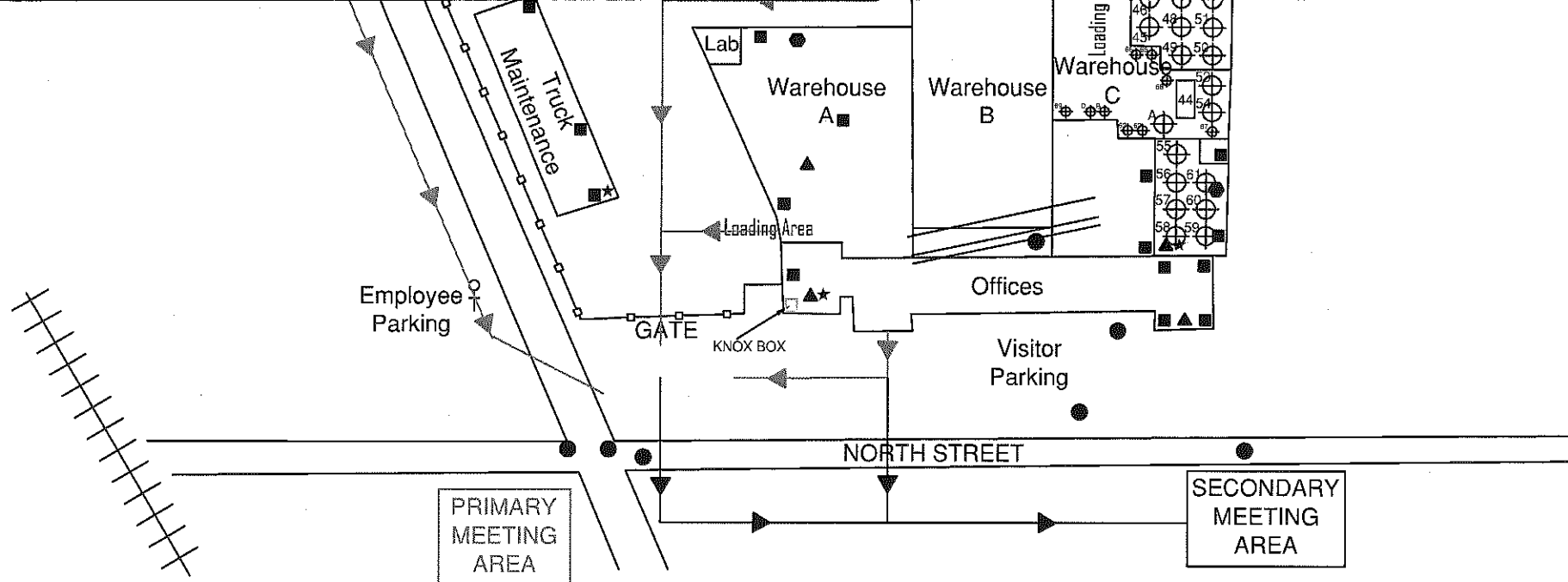
This certificate of coverage is based on a complete application received by the Department of Environmental Quality on November 18, 1998, and is subject to all conditions specified in General Permit No. MIR020000 issued June 25, 1998, expiring April 1, 2003. This certificate of coverage may be modified, terminated, reissued, or revoked as allowed for in General Permit No. MIR020000. On the date of issuance, this certificate of coverage shall supersede Certificate of Coverage No. MIR70L010, issued August 31, 1994.

June 22, 2000
Date Issued

EQP 4677 (10/97)


Cheryl Lynn Bartley, Acting
Shiawassee District Supervisor
Surface Water Quality Division

ATTACHMENT G: Inspection Checklist



LEGEND

● CATCH BASIN	⊕ ASTs NOT IN USE
— FENCE	♀ FIRE HYDRANT
□ BUILDING	● SPILL CONTROL EQUIPMENT
▤ CONCRETE SLAB	■ FIRE EXTINGUISHER
==== RAILROAD	▲ EYEWASH STATION
== ROAD	★ FIRST AID
⊕ ABOVEGROUND STORAGE TANKS (ASTs)	← PRIMARY EVACUATION ROUTE
	← SECONDARY EVACUATION ROUTE

Warehouse A - Mobile Container Storage

Warehouse B - Mobile Container Storage

Warehouse C - Oils / Oils Blending

Warehouse D - Solvents / Solvent Blending

NOTES:

- THIS FIGURE WAS DEVELOPED USING THE FOLLOWING:
 - A FIGURE TITLED, *AMERICHEM BUILDING RELOCATION, SITE & UTILITY PLAN*, PREPARED BY KEBS, INC. AND DATED SEPTEMBER 8, 2010;
 - A FIGURE TITLED, *SITE DRAINAGE*, PREPARED BY AMERICHEM SALES CORPORATION AND DATED OCTOBER 27, 2010;
 - A FIGURE TITLED, *SITE PLAN*, PROVIDED BY AMERICHEM SALES CORPORATION;
 - A FIGURE TITLED, *FIGURE NO. 1 - FACILITY PLOT PLAN*, PREPARED BY AMERICHEM SALES CORPORATION AND DATED OCTOBER 27, 2010; AND
 - A FIGURE TITLED, *BULK STORAGE TANKS - SOLVENTS TANK FARM*, DATED AUGUST 16, 2010.
- THE LOCATIONS OF PROMINENT PHYSICAL FEATURES AND SUBSURFACE EXPLORATION LOCATIONS WERE NOT CERTIFIED BY A LICENSED LAND SURVEYOR AND WERE APPROXIMATELY DETERMINED USING THE ABOVE-NOTED OBSERVATIONS AND FIGURES. THIS INFORMATION SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHODS USED.
- SEE TABLE NOS. 1, 2, AND 4 FOR AST, MOBILE CONTAINER STORAGE, AND LOADING/UNLOADING AREA INFORMATION.

3

DATE: 5-May-11
 PROJECT NO: 246001
 SCALE: Not to Scale
 DRAWN BY: CAH
 APPROVED BY: RPH
 FIGURE NO: 3

AMERICHEM SALES CORPORATION
 340 NORTH STREET
 MASON, MICHIGAN 48854

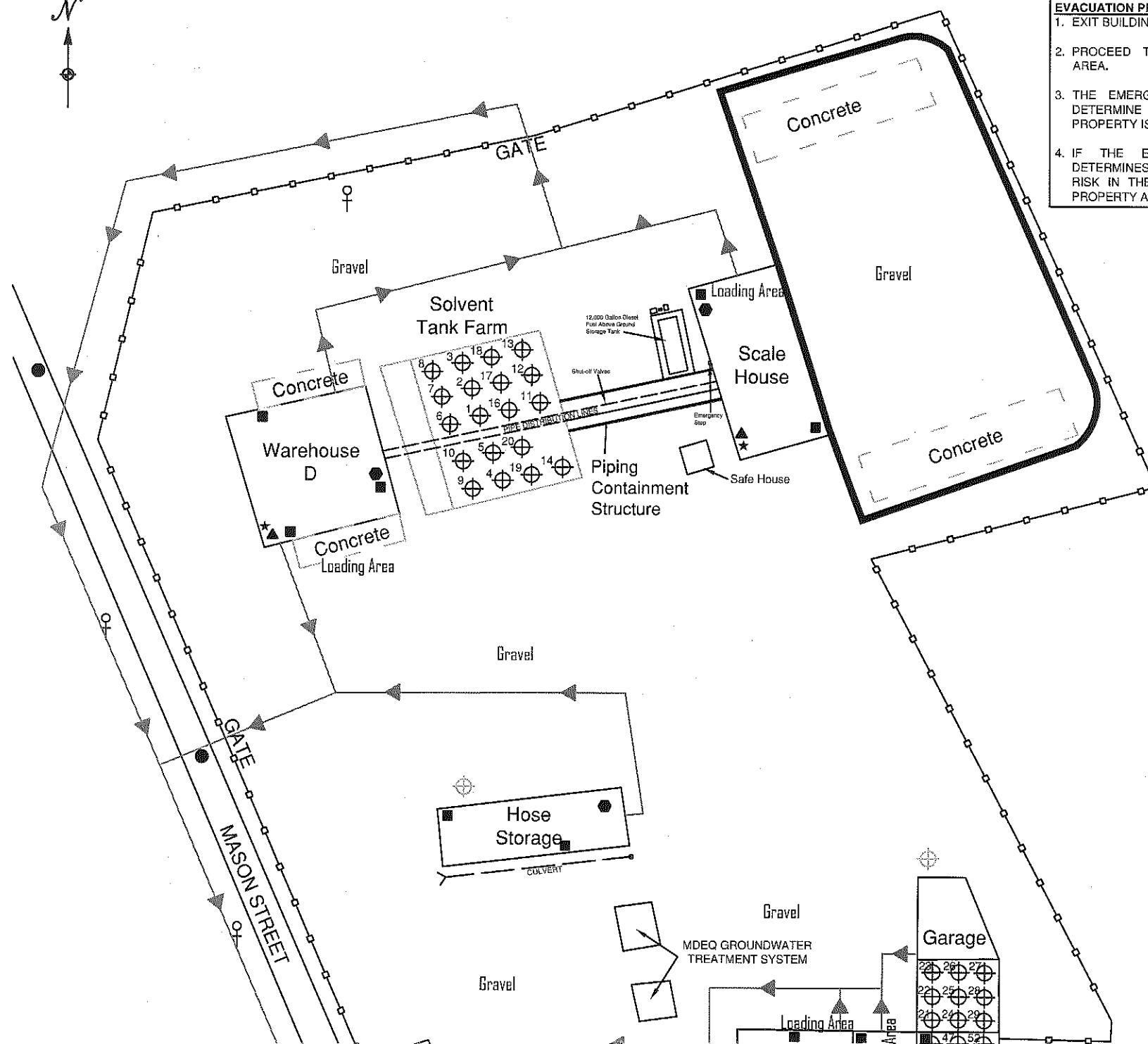
SPILL STATION, FIRST AID, FIRE EXTINGUISHER
 LOCATIONS AND EMERGENCY EVACUATION ROUTES



INTEGRATED ENVIRONMENTAL, INC.
 Scientists Who Think Business™
 A Woman Business Enterprise

LIVONIA 19849 Middlebelt Rd Livonia, MI 48152 T: 248.477.5021 F: 248.477.0971	PORT HURON 2425 Military, RM 2 Port Huron, MI T: 810.987.8 F: 810.987.85	MARSHALL PO Box 266 Marshall, MI 49068 T: 517.740.8793 F: 269.761.3169
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EVACUATION PROCEDURE

1. EXIT BUILDING THROUGH NEAREST EXIT.
2. PROCEED TO THE PRIMARY MEETING AREA.
3. THE EMERGENCY COORDINATOR WILL DETERMINE IF EVACUATION FROM THE PROPERTY IS NECESSARY.
4. IF THE EMERGENCY COORDINATOR DETERMINES THAT PERSONNEL ARE AT RISK IN THE MEETING AREA, EXIT THE PROPERTY AS SHOWN.

Bk

Department of Environmental Quality
SMALL QUANTITY GENERATOR INSPECTION FORM

Facility's Name Americhen Sales Corporation Part 3 Rules
 Date 2/25/2014 ID# MID052034402 1994 PA 451

HAZARDOUS WASTE AND WASTE #	SOURCE	HOW MUCH

___ abbreviated

FACILITY COMPLIANCE REQUIRED IN ALL AREAS
(NI - Not Inspected N/A - Not Applicable)

WASTE DETERMINATION (Rule 302: 40 CFR 262.11)

		YES	NO
1. Determined if waste streams are hazardous waste? (Rule 302: 40 CFR 262.11)	262A	<input checked="" type="checkbox"/>	NI N/A
a) Copy of waste evaluation on-site 3 years? (Rule 307(1): 40 CFR 262.40(c)) <i>Records incomplete for</i>	262D	<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A
b) Re-evaluated waste when changes in materials or process? (Rule 302(3)) <i>waste determinations</i>	262A	<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A

IDENTIFICATION NUMBER (Rule 303: 40 CFR 262.12)

2. Has the generator obtained an identification number? (Rule 303: 40 CFR 262.12)	262A	<input checked="" type="checkbox"/>	NI N/A
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MANIFEST REQUIREMENTS (Rule 304: 40 CFR 262.20)

3. Copies of the manifest readily available for review & inspection? (Section 11138(1)(f))	262D	<input checked="" type="checkbox"/>	NI N/A
4. Manifests kept for the past 3 years? (Rule 307(3): 40 CFR 262.40(a))	262D	<input checked="" type="checkbox"/>	NI N/A
5. Manifests, prepared by the generator (Rule 304(1)(a): 40 CFR 262.20(a)), contain the following?	262B	<input checked="" type="checkbox"/>	NI N/A
a) manifest document number. (Rule 304(2)(a): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
b) generator's name, address, phone & ID # (Rule 304(2)(b): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
c) name & ID # of the transporter. (Rule 304(2)(c): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
d) name, address & ID # of TSDF. (Rule 304(2)(d): 40 CFR 262.20(b)&(c))	262B	<input checked="" type="checkbox"/>	NI N/A
e) DOT description of waste(s). (Rule 304(2)(e): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
f) quantity of waste, type & # of containers. (Rule 304(2)(f): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
g) hazardous waste number of the wastes. (Rule 304(2)(g): 40 CFR 262.20(a))	262B	<input checked="" type="checkbox"/>	NI N/A
h) generator signature, initial transporter & date of acceptance? (Rule 304(4)(a)&(b): 40 CFR 262.23(a)(1)&(2))	262B	<input checked="" type="checkbox"/>	NI N/A
6. Submitted copy of manifests to Director no later than 10 days after month shipment was made? (Rule 304(4)(d))	262B	<input checked="" type="checkbox"/>	NI N/A
7. For out-of-state manifests, was copy of 3 rd signature manifest submitted to Director? (Rule 304(4)(f))	262B	<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A
8. Is the transporter used properly registered /permitted under Act 138, Section 3 (2)? (Rule 304(1)(c))	262B	<input checked="" type="checkbox"/>	NI N/A
9. Using manifest that has expired? (Rule 304(2)(i): 40 CFR 262.20(a))	262B	<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A
10. Reportable exceptions. (Rule 308(5): 40 CFR 262.40)			
a) number of manifests generator HASN'T receive signed copy from TSD w/in 60 days.	262D		
b) number generator DID NOT submit copy of manifest & statement on non-confirmation of delivery to DEQ.	262D		

OR

11. Did the facility manifest hazardous waste off-site which:			
a) is reclaimed under contractual agreement & reclaimed material comes back? Rule 304(5)(a): 40 CFR 262.20(e))	262D	<input type="checkbox"/>	NI N/A
b) does facility maintain copy of contractual agreement on-site for not less than 3 years? (Rule 304(5)(b): 40 CFR 262.20(e))	262D	<input type="checkbox"/>	NI N/A

NOTE: For shipments of hazardous waste solely by water or rail shipments, within United States see Rule 304(4)(g or h)

LAND DISPOSAL RESTRICTION REQUIREMENTS
WASTE ANALYSIS AND RECORDKEEPING (40 CFR 268.7)(Rule 311(1))

Note: Not all requirements applicable if waste shipped off-site and material returned under contractual agreement.

YES NO

12. Did the generator determine if the waste is restricted from land disposal? (40 CFR 268.7(a)(1))

a) all listed waste	268A	<input checked="" type="checkbox"/> <u>NI</u> N/A
b) all characteristic wastes?	268A	<input checked="" type="checkbox"/> <u>NI</u> N/A

NOTE: If waste has both listed & characteristic waste codes, the treatment standard for the listed waste is sufficient if the treatment standards for the listed waste includes a standard for the constituent that caused the waste to exhibit the characteristic, except for D001 and D002. (40 CFR 268.9(b))

13. If restricted waste exceeds treatment standards or prohibitions did notice go w/ initial shipment? (40 CFR 268.7(a)(2)) 268A ☒ NI N/A

OR

14. If restricted waste does not exceed treatment standards or prohibitions did a notice and certification statement go with initial shipment? (40 CFR 268.7(a)(3)) 268A ☐ NI N/A

OR

15. If waste has exemption from prohibition on the type of land disposal method utilized for the waste, did a notice go with initial shipment? (40 CFR 268.7(a)(4)) 268A ☐ NI N/A

OR

16. If facility chooses alternative treatment standard for lab pack that contains none of the waste in appendix IV, did a notice & certification go with initial shipment? (40 CFR 268.7(a)(9)) 268A ☐ NI N/A

17. Did the notice include: (40 CFR 268.7(a)(1) or 268.7(a)(2) or 268.7(a)(3))

a) EPA hazardous waste #?	268A	<input type="checkbox"/> <u>NI</u> N/A
b) if wastewater or non-wastewater as defined in 268.2(d&f)?	268A	<input type="checkbox"/> <u>NI</u> N/A
c) subcategory of the waste (such as D003 reactive cyanide) if applicable?	268A	<input type="checkbox"/> <u>NI</u> N/A
d) manifest number associated with the shipment?	268A	<input type="checkbox"/> <u>NI</u> N/A
e) waste analysis data, where available?	268A	<input type="checkbox"/> <u>NI</u> N/A
f) waste constituents that the treater will monitor, if monitoring will not include all regulated constituents, for F001- F005, F039, D001, D002, D012-D043? (treatment standards for hazardous waste in table in 268.40 for the waste code under regulated constituents)	268A	<input type="checkbox"/> <u>NI</u> N/A

UNLESS

g) did generator/treater claim they are going to monitor for ALL regulated constituents in the waste in lieu of the generator indicating same in the notice? (40 CFR 268.7(a)(1) & 268.9)	268A	<input type="checkbox"/> <u>NI</u> N/A
h) did generator/treater claim they are going to monitor for underlying hazardous waste constituents (except vanadium and zinc), reasonably expected to be present at the generation point, above UTS standards for D001, D002 & TCLP organics? (40 CFR 268 Subpart D & 268.48)	268A	<input type="checkbox"/> <u>NI</u> N/A

NOTE: An alternate treatment standard may be used after approval from the Administrator. (40 CFR 268.44)

NOTE: Hazardous waste debris see 40 CFR 268.7(a)(1)(iv) for the notice requirements which must be followed by the statement "This hazardous debris is subject to alternative treatment standards of 40 CFR 268.45."

18. Generator retain on-site records to support determination from knowledge or results from tests? (40 CFR 268.7(a)(6)) 268A ☐ NI N/A

19. If the restricted waste is excluded from being a hazardous waste or solid waste did the generator place a one- time notice stating same in the facility file? (40 CFR 268.7(a)(7)) 268A ☐ NI N/A

20. Were all notices/certifications/demonstrations/other documents retained for 3 years on-site? (40 CFR 268.7(a)(8)) 268A ☒ NI N/A

NOTE: This requirement (268.7(a)(8)) applies to solid waste even when the hazardous waste characteristic is removed prior to disposal or when the waste is excluded from the definition of hazardous waste or solid waste.

DILUTION PROHIBITED AS SUBSTITUTE FOR TREATMENT (40 CFR 268.3) RULE 311(1)

21. Generator dilutes hazardous waste or treatment residue of a hazardous waste to avoid prohibition? (40 CFR: 268.3(a)) 268A ☒ NI N/A

TREATMENT STANDARDS (40 CFR 268.40) RULE 311(1)

22. If wastes exceeding treatment standards are mixed, were the most stringent standards selected? (40 CFR 268.40(c)) 268A ☐ NI N/A

PRE-TRANSPORTER REQUIREMENTS (Rule 305: 40 CFR 262.30)

23. Waste packaged according to DOT regulations (required before shipping waste off-site)? (Rule 305(1)(a): 40 CFR 262.30))	262C	<input checked="" type="checkbox"/> co. said <input checked="" type="checkbox"/> obsrvd <u>NI</u> N/A
24. Are waste packages marked & labeled according to DOT concerning hazardous materials (required before shipping waste off-site)? (Rule 305(1)(b)&(c): 40 CFR 262.32(a))	262C	<input checked="" type="checkbox"/> co. said <input checked="" type="checkbox"/> obsrvd <u>NI</u> N/A
25. On containers 110 gallons or less, is there a warning, generator's name, address, manifest document # & waste code; 49 CFR 172.304? (Rule 305(1)(d): 40 CFR 262.32(b))	262C	<input checked="" type="checkbox"/> co. said <input checked="" type="checkbox"/> obsrvd <u>NI</u> N/A

26. If required (>1000 #s), are placards available to the transporter? (Rule 305(1)(e): 40 CFR 262.33)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
ACCUMULATION TIME (Rule 306: 40 CFR 262.34)		
27. If hazardous waste accumulated in containers: (If no, skip to #35) <i>No haz waste on site during inspection</i>		
a) do containers have accumulation date & visible? (Rule 306(4)(c): 40 CFR 262.34(d)(4))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
b) do container have words "Hazardous Waste"? (Rule 306(4)(d): 40 CFR 262.34(d)(4))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
c) is each container clearly marked with the hazardous waste number? (Rule 306(4)(c))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
d) has more than 180 (270 if over 200 miles) days elapsed since date marked? (Rule 306(4) or (5): 40 CFR 252.34(d) or (e))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
e) has quantity of waste exceeded 6000 kg? (Rule 306(4)(a): 40 CFR 262.34(d)(1))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
UNLESS		
f) the generator applied for & received an extension to accumulate longer? (Rule 306(3): 40 CFR 262.34(b))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
<i>The following Subpart I, 265.170 to 265.177 requirements are referred to by Rule 306(1)(a) and 40 CFR 262.34(a)(1).</i>		
g) are containers in good condition? (265.171)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
h) are containers compatible with waste in them (265.172)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
i) are containers stored closed? (265.173(a))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
j) are containers handled/stored in a way which may rupture it or cause leaks? (265.173(b))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
k) are containers inspected weekly for leaks and defects? (265.174)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
l) are incompatible wastes stored in separate containers? (265.177(a))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
m) are hazardous wastes put in unwashed containers that previously held incompatible waste. (265.177(b))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
n) are incompatible waste separated/protected from each other by physical barriers or sufficient distance? (265.177(c))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
o) if facility accumulates over 1000 kg is there secondary containment which? (Rule 306(4)(b)(i))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
i) if accumulating free liquids or F020, F021, F022, F023, F026 & F027, the hazardous waste accumulation area :		
A) has impervious base free of cracks? (264.175(b)(1))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
B) is sloped or otherwise designed to elevate/protect containers from contact with liquids? (264.175(b)(2))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
C) holds 10% of volume of containers or volume of the largest container, whichever is greater? (264.175(b)(3))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
D) prevents run-on unless sufficient capacity? (264.175(b)(4))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
E) accumulated liquids removed in a timely manner to prevent overflow? (264.175(b)(5))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
ii) if accumulating solids, (other than F020, F021, F022, F023, F026, F027), is haz waste accumulation area sloped or otherwise designed, or containers elevated or otherwise protected from contact with liquids? (264.176(c))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
28. If hazardous waste is being accumulated at the point of generation:		
a) container(s) <55 gal or 1 qt acutely/severely toxic? (Rule 306(2): 40 CFR 262.34(c)(1))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
b) container(s) under operator control & near the point of generation? (Rule 306(2): 40 CFR 262.34(c)(1))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
c) container(s) have words "Hazardous Waste"? (Rule 306(2): 40 CFR 262.34(c)(1)(ii))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
d) are the container(s) marked with the hazardous waste number or chemical name? (Rule 306(2))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
<i>Rule 306(2) & 40 CFR 262.34(c)(1)(i) both refer to 40 CFR 265.171, 265.172 & 265.173(a).</i>		
e) are container(s) in good condition? (265.171)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
f) are container(s) compatible with waste in them? (265.172)	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
g) container(s) closed when not in use & managed to prevent leaks? (265.173(a))	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
29. If generator exceeded 55 gallons or 1 quart, w/in 3 days did generator, w/respect to that amount of excess waste: (Rule 306(2): 40 CFR 62.34(b)(2))		
a) mark the container with the date the excess amount began accumulating?	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
b) move to an area with secondary containment?	262C	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> NI N/A
30. Is hazardous waste accumulated in anything other than tanks or containers? Or, is hazardous waste generated but not accumulated, i.e.: process tank? <i>Explain any yes answer.</i>		<input checked="" type="checkbox"/> NI N/A
31. Hazardous waste accumulated so no hazardous waste or hazardous waste constituent can escape by gravity into soil, directly or indirectly, into surface, ground-waters, drains or sewers, and such that fugitive emissions do not violate Act 451, Part 55? (Rule 306(1)(f))	262C	<input checked="" type="checkbox"/> NI N/A
32. Waste area protected from weather, fire, physical damage & vandals? (Rule 306(4)(j))	262C	<input checked="" type="checkbox"/> NI N/A
33. Is hazardous waste accumulated in tanks? <i>If so, complete Tank System inspection form.</i>		<input checked="" type="checkbox"/> NI N/A
34. Is hazardous waste placed on drip pads? <i>If so, complete Wood Preserving inspection form</i>		<input checked="" type="checkbox"/> NI N/A

PERSONNEL TRAINING (Rule 306(1)(d) & 40 CFR 262.34(a)(4))

		YES	NO
35. Emergency coordinator(s) identified & available at all times? (Rule 306(4)(f):40 CFR 262.34(d)(5)(i))	262C	<input checked="" type="checkbox"/>	NI N/A
36. Next to phone is the following posted? (Rule 306(4)(g):40 CFR 262.34(d)(5)(ii)(A-C))			
a) name & phone number of emergency coordinator(s)	262C	<input type="checkbox"/>	NI N/A
b) location of fire extinguishers, spill control equipment and fire alarms, if present?	262C	<input type="checkbox"/>	NI N/A
c) phone number of fire department (not needed if direct alarm)?	262C	<input type="checkbox"/>	NI N/A
37. Employees know waste handling & emergency procedures? (Rule 306(4)(h):40 CFR 262.34(d)(5)(iii))	262C	<input type="checkbox"/>	NI N/A
38. If facility has had emergency, did coordinator take appropriate response? (Rule 306 (4)(i):40 CFR 262.34(d)(iv)(A-B))	262C	<input type="checkbox"/>	NI N/A

AND

39. If there has been a fire, explosion or release which threatened human health or if spill reached surface water did facility call PEAS and NRC? (Rule 306(4)(i)(iii)(A-H):40 CFR 252.34 (d)(5)(iv)(C)(1-5).	262C	<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A
--	------	--------------------------	--

Rule 306(4)(e) & 40 CFR 262.34(a)(4) refer to 265, Subpart C, 265.30-265.37

		co. said	obsrvd
40. Facility maintained/operated to minimize possibility of fire, explosion, release of hazardous waste or hazardous waste constituent which could threaten human health/environment? (265.31)	262C	<input checked="" type="checkbox"/>	NI N/A
41. If required, does this facility have the following equipment:			
a) internal communications or alarm systems? (265.32(a))	262C	<input checked="" type="checkbox"/>	NI N/A
b) telephone or 2-way radios at the scene of operations? (265.32(b))	262C	<input checked="" type="checkbox"/>	NI N/A
c) portable fire extinguishers, fire control, spill control equipment and decontamination equipment? (265.32(c))	262C	<input checked="" type="checkbox"/>	NI N/A
d) adequate volume of water and/or foam available for fire control? (265.32(d))	262C	<input checked="" type="checkbox"/>	NI N/A
42. Testing and Maintenance of Emergency Equipment:			
a) owner/operator test & maintain emergency equipment to assure operation? (265.33)	262C	<input checked="" type="checkbox"/>	NI N/A
b) has owner/operator provided immediate access to internal alarms? (265.34(a & b)) NOTE: Access to communication or alarm system is applicable only if required 40 CFR 265.32			
i) when hazardous waste is being poured, mixed, etc.	262C	<input checked="" type="checkbox"/>	NI N/A
ii) if only one employee on the premises while facility is operating.	262C	<input checked="" type="checkbox"/>	NI N/A
c) aisle space for unobstructed movement of personnel/emergency equipment? (265.35)	262C	<input checked="" type="checkbox"/>	NI N/A
43. Has the facility made arrangements with local authorities? (265.37(a)&(b))	262C	<input checked="" type="checkbox"/>	NI N/A

Rule 309 refers to 262, Subpart E except 262.54 & 262.55

INTERNATIONAL SHIPMENTS (Rule 309 & 310: 40 CFR 262.50-262.60)

44. Has the facility imported or exported hazardous waste?		<input type="checkbox"/>	<input checked="" type="checkbox"/> NI N/A
a) Exporting, has the generator:			
i) notified the Administrator in writing <12 months prior to shipment? (262.52(a))	262E	<input type="checkbox"/>	NI N/A
ii) receiving country consented to accept waste. (262.52(b))	262E	<input type="checkbox"/>	NI N/A
iii) has copy of EPA Acknowledgment of Consent. (262.52(c))	262E	<input type="checkbox"/>	NI N/A
iv) complied with manifest requirements in Rule 309(2)(a-i).	262E	<input type="checkbox"/>	NI N/A
v) if required, was an exception report filled. (309(3)(a-c))	262E	<input type="checkbox"/>	NI N/A
b) importing, has the generator met manifest requirements? (Rule 310: 40 CFR 262.60)	262F	<input type="checkbox"/>	NI N/A

COMMENTS:

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DEPARTMENT OF NATURAL RESOURCES

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ROLAND HARMES, Director

REPLY TO:
WASTE MANAGEMENT DIVISION
PO BOX 30241
LANSING MI 48909-7741

NATURAL RESOURCES
COMMISSION

JERRY C. BARTNIK
KEITH J. CHARTERS
LARRY DEVUYST
PAUL SELE
J. P. HILL
DAVID HOLLI
JOEY M. SPANO

September 26, 1995

CERTIFIED MAILReturn Receipt Requested

Mr. L. Allen Jack, President
Americhem Corporation
340 North Street
Mason, Michigan 48854

Dear Mr. Jack:

SUBJECT: Consent Order, WMD Order No. 111-04-31-07-95

Enclosed please find a fully executed original of the Consent Order for the above referenced site entered between Americhem Corporation and the Department of Natural Resources (Department). The Consent Order became effective on September 26, 1995, the date it was signed by the Chief of the Waste Management Division, Delegee of the Director of the Department. Please note that the penalties stipulated in paragraphs 17 and 18 of the Consent Order are due by October 26, 1995.

Thank you for your cooperation in this matter. Please direct any questions regarding the Consent Order to Ms. Daria Devantier of the Waste Management Division, Shiawassee District Office, at 517-625-4633.

Sincerely,

JoAnn Merrick, Chief
Enforcement Section
Waste Management Division
517-373-7938

Enclosure

cc: Ms. Sharon Whitmer, DAG
Ms. JoAnn Merrick/Mr. Gary Tuma, DNR
Ms. Elizabeth Browne/Ms. Daria Devantier, DNR-Shiawassee
Ms. Barbara Cowles, DNR-Shiawassee

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT DIVISION

In the matter of administrative proceedings
against Americhem Corporation, a corporation organized
under the laws of the State of Michigan
and doing business at 340 North Street,
City of Mason, County of Ingham,
State of Michigan

WMD Order No. 111-04-31-07-95

EPA I.D. No. MID 052 034 402

CONSENT ORDER

This proceeding results from allegations specified in a Notice of Violation ("NOV") issued on November 22, 1994, by the Staff of the Department of Natural Resources ("DNR"). The DNR alleges that Americhem Corporation ("Americhem"), a Michigan corporation, doing business at 340 North Street, City of Mason, County of Ingham, Michigan, is in violation of the Michigan Natural Resources and Environmental Protection Act, ("NREPA"), 1994 PA 451, as amended, Part 111, MCL 324.11101 - 324.11152, [formerly the Michigan Hazardous Waste Management Act, 1979 PA 64, as amended, ("HWMA"), MCL 299.501, et seq.; MSA 13.30(1) et seq.], and Part 31, MCL 324.3101 - 324.3119 [formerly the Michigan Water Resources Commission Act, 1929 PA 245, as amended, ("WRCA"), MCL 323.1 et seq., MSA 3.521 et seq.], the Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. §6901 et seq., and the rules promulgated under these statutes. Americhem and the DNR agree to resolve the violations set forth in the NOV in this matter, and to terminate this proceeding by entry of this Consent Order.

I. STIPULATIONS

Americhem and the DNR stipulate as follows:

1. Pursuant to its authority under NREPA, the DNR has promulgated administrative rules pertinent to the identification, generation, treatment, storage, disposal, and transportation of hazardous wastes in Michigan, and the protection of the waters of the State. These rules are set forth in the Michigan Administrative Code, 1994 AACS, R 299.9101 - R 299.11107 and 1990 MAC, R 323.2101 - R 323.2211.
2. On October 30, 1986, the State of Michigan was granted final authorization by the Administrator of the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section

3006(b), The Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. Section 6926(b), to administer a hazardous waste program in Michigan in lieu of the federal program, 40 CFR Part 271, 51 Federal Register 36804 (October 16, 1986), as updated by 54 Federal Register 7420 (February 21, 1989), by 54 Federal Register 48608 (November 24, 1989), as updated by 55 Federal Register 18112 (May 1, 1990), by 56 Federal Register 18517 (April 23, 1991), as updated by 57 Federal Register 3724 (January 31, 1992), by 58 Federal Register 51244 (October 1, 1993), and by 60 Federal Register 3095 (January 13, 1995). Section 3008 of RCRA, 42 U.S.C. Section 6928, provides that the U.S. EPA may enforce state regulations in those states authorized to administer a hazardous waste program.

3. Section 11126 of NREPA, states that "The department shall coordinate and integrate the provisions of this part for the purposes of administration and enforcement with appropriate state and federal law including the ... the resource conservation and recovery act of 1976, 42 U.S.C. 6901 to 6987; parts 31, 55, 115, and 121; The coordination and integration shall be effected only to the extent that it can be done in a manner consistent with the goals and policies of this part."
4. NREPA is "[a]n act to protect the environment and natural resources of the state; ... [and] to regulate the discharge of certain substances into the environment"
5. Part 201, Environmental Remediation, of NREPA ("Part 201"), being MCL 324.20101 to 324.20142 provides in Section 20118(1) that the department may approve of response activity proposed by a person that is consistent with Part 201 and the rules promulgated thereunder relating to the selection and implementation of response activity that the department concludes is necessary and appropriate to protect the public health, safety, or welfare, or the environment.
6. The Director of the DNR is authorized by Sections 3112(2) and 11151(1) of NREPA to issue orders to comply. Accordingly, the Director has authority to issue and enter into this Consent Order to comply by consent with Americhem. Pursuant to delegations made under Executive Order 1991-31, the Chief of the Waste Management Division is authorized to issue and enter into this Consent Order on behalf of the DNR Director.
7. Americhem is a person as defined by Section 301 of NREPA and R 299.9106(i). Americhem owns and operates a facility at 340 North Street, Mason, Michigan, that generates hazardous waste (the "Mason facility"). Americhem is a Michigan corporation.

8. On November 26, 1980, Americhem filed EPA forms 3510-1 and 3510-3 (Part A Hazardous Waste Permit Application ["Part A"]) indicating Americhem's intent to treat and store hazardous waste at the Mason facility. These forms were filed with U.S. EPA pursuant to Section 3010 of RCRA. The Company's EPA I.D. No. is MID 052 034 402.
9. On July 25, 1984, Americhem requested that the U.S. EPA allow it to withdraw its Part A for the Mason facility. On September 28, 1984, the U.S. EPA granted Americhem's request for a change in status to that of a "generator accumulating waste on-site in compliance with 40 CFR 262.34."
10. Americhem stipulates to the issuance and entry of this Consent Order to comply by consent and stipulates that the termination of this matter by a final order to be entered as a Consent Order is proper and acceptable. This Consent Order, thus, shall be considered a final order of the DNR and shall become effective on the date it is signed by the Chief of the Waste Management Division.
11. Americhem and the DNR agree that the signing of this Consent Order is for settlement purposes only and does not constitute an admission by Americhem that the law has been violated.

II. DNR APPROVAL OF SUBMITTALS

12. For any document that is required to be submitted by Americhem to the DNR by this Consent Order, the following process and terms of approval shall apply. The DNR may approve, disapprove, or approve with specified modifications the required document. Upon DNR approval of the document, such document shall become a part of this Consent Order and shall be enforceable in accordance with the provisions of this Consent Order. In the event that the DNR disapproves the document, the DNR shall notify Americhem of the specific reasons for the disapproval in writing. Within ten (10) business days of receipt of the DNR's disapproval letter, Americhem shall amend and submit a revised document that addresses the reasons for the DNR's disapproval. Failure by Americhem to submit an approvable document within the ten (10) business day schedule shall subject Americhem to the stipulated penalty provisions of this Consent Order commencing on the date the approvable revised document was due and accumulating until an approvable document is submitted. Any delays caused by Americhem's failure to submit an approvable document shall in no way affect Americhem's responsibility to comply with any deadlines specified in this Consent Order.

III. COMPLIANCE PROGRAM

13. Americhem shall achieve and maintain compliance with all of the applicable requirements of NREPA, RCRA, and their rules, and shall achieve compliance with the requirements specified below in accordance with the following schedule:

A. Hazardous Waste Accumulation

1. On May 23, 1994, Americhem submitted documentation to the DNR sufficient to demonstrate that all hazardous wastes that had been accumulated for greater than ninety (90) days had been properly transported for disposal from the Mason facility. On and after the effective date of this Consent Order, Americhem shall not accumulate any hazardous wastes for greater than ninety (90) days in accordance with MAC R 299.9306(1).

B. Hazardous Waste Container Management

1. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that all hazardous containers were properly marked with appropriate labels, dates, and waste codes. On and after the effective date of this Consent Order, Americhem shall properly mark all hazardous waste containers in full compliance with MAC R 299.9306(1)(b) and (c).
2. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that hazardous waste containers that were not in good condition had been "overpacked" or otherwise brought into compliance and that hazardous waste containers are being stored closed. Upon and after the effective date of this Consent Order, Americhem shall maintain hazardous waste containers in full compliance with MAC R 299.9306(1)(a) and 40 CFR, Subpart I.
3. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that the Mason facility had instituted procedures to assure that weekly inspections of all hazardous waste containers would be properly performed and documented. On and after the effective date of this Consent Order, Americhem shall perform and document weekly inspections of all

hazardous waste containers in full compliance with MAC R 299.9306(1)(a) and 40 CFR 265.174.

C. Preparedness and Prevention

1. On and after the effective date of this Consent Order, Americhem shall maintain and operate the Mason facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste, or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment, in full compliance with MAC R 299.9306(1), and 40 CFR 265.31.
2. On and after the effective date of this Consent Order, Americhem shall equip the Mason facility with necessary emergency equipment, and maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment in the drum storage area, in an emergency, in accordance with MAC R 299.9306(1)(d), 40 CFR 265.32, and 40 CFR 265.35.
3. Within thirty (30) days of the effective date of this Consent Order, Americhem must submit cover letters, agreements, contracts, or other documentation sufficient to demonstrate arrangements have been made with, or refused by, emergency response contractors, equipment suppliers, local hospitals, police, and fire departments. These arrangements must meet the requirements of 40 CFR 265.37.

D. Contingency Plan

1. Within sixty (60) days of the effective date of this Consent Order, Americhem must submit for DNR review and approval, a contingency plan in accordance with 40 CFR 265.52. Within ten (10) days after receipt of DNR approval of the plan, Americhem shall implement the approved plan.
2. On and after the effective date of this Consent Order, the Mason facility must, at all times, have at least one employee either on the premises, or on call, with

the responsibility for coordinating all emergency response measures as required by 40 CFR 265.55.

E. Personnel Training

1. Within thirty (30) days of the effective date of this Consent Order, Americhem must provide documentation showing that a hazardous waste training program has been conducted which complies with the requirements of 40 CFR 265.16, and shall thereafter comply with R 299.9306(1)(d) and 40 CFR 265.16.

F. Waste Characterization and Recordkeeping

1. On and after the effective date of this Consent Order, Americhem shall determine whether any waste it generates is a hazardous waste as required by MAC R 299.9302(1).
2. On and after the effective date of this Consent Order, Americhem shall keep records of any test results, waste analyses, or other determinations made in accordance with R 299.9302, for not less than three (3) years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.

G. Land Disposal Notifications

1. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that a notification had been submitted for each hazardous waste disposal manifest examined during the complaint inspection.
2. On and after the effective date of this Consent Order, Americhem must maintain, at the Mason facility, all manifests and land disposal restriction (LDR) notices, as described in 40 CFR 268.7, verifying that shipments of wastes subject to the LDR requirements of 40 CFR 268 were accompanied by accurate LDR notices.

H. Part 201 - Buried Drum Disposal Area Remedial Actions

1. Americhem shall do either (a) and (b), or (c) below to address the suspected drum disposal area.
 - (a) Within one hundred and twenty (120) days of the effective date of this Consent Order, Americhem shall perform those remedial actions necessary to define the extent of the suspected buried drum disposal area; remove and characterize the drums, other wastes, and any contaminated soils; dispose of any wastes generated at a facility licensed for their disposal, and; sample the excavated area(s) in accordance with the attached letter from Barbara Cowles of the DNR, Environmental Response Division and the sampling methodology in the MDNR "Verification of Soil Remediation Guidance Document," Revision 1, dated April 1, 1994, if soil contamination is found or suspected. Response activities performed under this Consent Order must be consistent with the requirements of Part 201 and the rules promulgated thereunder.
 - (b) Within one hundred and eighty (180) days of the effective date of this Consent Order, Americhem shall submit to the DNR analytical data and other documents and/or reports which demonstrate that those remedial actions performed were sufficient to protect the public health, safety, welfare, and the environment.
 - (c) Within forty-five (45) days of the effective date of this Consent Order, Americhem shall; perform evaluation activities on the suspected drum burial area(s), including but not limited to ground penetrating radar, and; submit a remedial action workplan as provided for under Part 201, Section 20114(1)(h) and in accordance with the provisions of this Consent Order. The workplan, among other things, must outline the current conditions at the Mason facility and include an implementation schedule with periodic reporting requirements. The DNR approved workplan must be implemented, and when implemented, it must achieve the cleanup criteria specified in Parts 201 and 111 and the rules promulgated under those parts.

2. Americhem shall notify the DNR, Shiawassee District staff by telephone at (517) 625-4646 or (517) 625-4633 at least forty eight (48) hours before engaging in any field activities required pursuant to this Consent Order, such as excavation, well drilling or sampling. At the request of the DNR, Americhem shall provide or allow the DNR or its authorized representative to take split or duplicate samples, using DNR-supplied containers, of all samples collected by Americhem pursuant to this Consent Order. Similarly, at the request of Americhem, the DNR shall allow Americhem, or its authorized representatives to take split or duplicate samples, using Americhem-supplied containers, of all samples collected by the DNR under this Consent Order. Submittals required under this paragraph must be directed to Ms. Barbara Cowles, Environmental Response Division, Shiawassee District Office, 10650 S. Bennett Dr., Morrice, MI., 48857. One copy of the cover letter from each submittal must be directed to Ms. Daria Devantier, Waste Management Division, at the above address.

I. Abandoned Well

1. On or before the effective date of this Consent Order, Americhem must seal the cap of the unused large diameter water well at the Mason facility.
2. Within forty five (45) days of the effective date of this Consent Order, Americhem must properly abandon the unused large diameter water supply well at the Mason facility in accordance with the requirements of Part 127 of 1978 PA 368, MCL 333.12701 et seq., and R 325.1662 - R 325.1670, and submit verification that the work was done in accordance with the above requirements.

J. Part 31 (Act 245) Violations

1. Within thirty (30) days of the effective date of this Consent Order, Americhem must submit for DNR approval a pollution incident prevention plan (PIPP) for the Mason facility. Within ten (10) days after receipt of DNR approval of the PIPP, Americhem shall implement the PIPP.

2. On and after the effective date of this Consent Order, Americhem must cease the discharge of all waste or waste effluent, into the waters of the state, unless Americhem has a valid permit therefore from the Director.

IV. REPORTING

14. Americhem shall submit all items required in Section III to the District Supervisor, Waste Management Division, Department of Natural Resources, Shiawassee District Office, 10650 S. Bennett Drive, Morrice, Michigan, 48857. The cover letter with each submittal shall identify the specific paragraph and requirement of this Consent Order that the submittal is intended to satisfy.

V. RETENTION OF RECORDS

15. Upon request by an authorized representative of the DNR, Americhem shall make available to the DNR all records, plans, logs and other documents required to be maintained under this Consent Order or pursuant to NREPA, RCRA, and their rules. All such documents shall be retained at the Americhem facility for at least a period of three (3) years from the date of generation of the record, unless a longer period of record retention is required by NREPA, RCRA, or their rules.

VI. RIGHT OF ENTRY

16. Americhem shall allow any authorized representative or contractor of DNR, upon presentation of proper credentials, to enter upon the premises of the Mason facility, at all reasonable times, for the purpose of monitoring compliance with the provisions of this Consent Order. This paragraph in no way limits the authority of DNR to conduct tests and inspections pursuant to NREPA, and its rules, or any other applicable statutory provision.

VII. FINES and PENALTIES

17. Within thirty (30) days after entry of this Consent Order, Americhem shall pay to the State of Michigan, a civil fine in the sum of \$20,000.00. This sum is in addition to any fees, taxes, or other fines that may be imposed on Americhem by law.

18. Within thirty (30) days after the effective date of this Consent Order, Americhem shall pay to the State of Michigan, the sum of \$4,000.00 in partial compensation for the costs of surveillance and enforcement.
19. For each failure to comply with the provisions of Section III of this Consent Order, Americhem shall pay stipulated penalties of \$500 per violation per day for one to fourteen days of violation, \$1,000 per violation per day for fifteen to thirty days of violation, and \$1,500 per violation per day for each day of violation thereafter. Penalties shall begin to accrue on the day following the date that complete performance was due or a violation occurred and shall accrue through the final day of correction of the noncompliance and/or violation. All stipulated penalties shall be paid within thirty (30) days after receipt of a written notification from the MDNR of noncompliance and/or violation. Such notification shall describe the noncompliance and/or violation and shall indicate the amount of penalties due.
20. To insure timely payment of the civil fine set forth in paragraph 16 above, Americhem shall pay an interest penalty to the state of Michigan each time it fails to make a complete or timely payment. This interest penalty shall be based on a rate of twelve (12) percent per year compounded annually, using the full increment of amount due as principal, and calculated from the due date for the payment until the delinquent payment is finally made in full.
21. Americhem shall pay the above civil fine, penalties and costs by certified or cashier's check made payable to the "State of Michigan" and delivered to the Assistant Attorney General in Charge, Natural Resources Division, Stevens T. Mason Building, P.O. Box 30028, 530 W. Allegan, Lansing, Michigan, 48909.
22. Americhem agrees not to contest the legality of the civil fine or reimbursement of costs for surveillance and enforcement paid pursuant to paragraphs 16 and 17 above, respectively. Americhem further agrees not to contest the legality of any stipulated penalties or interest penalties assessed pursuant to paragraphs 18 and 19 above, respectively, but reserves the right to dispute the factual basis upon which a demand by DNR for stipulated penalties or interest penalties is made in a court of competent jurisdiction.

VIII. GENERAL PROVISIONS

23. DNR reserves the right to pursue any other remedies to which they are entitled for any failure on the part of Americhem to comply with the requirements of NREPA or its rules.
24. Notwithstanding any other provision of this Consent Order, an enforcement action may be brought by DNR pursuant to NREPA or other statutory authority where the generation, storage, transportation, treatment, or disposal of hazardous waste at the Americhem facility may present an imminent and substantial hazard to the health of persons or to the natural resources or is endangering or causing damage to the public health or the environment.
25. The DNR and Americhem consent to enforcement of this Consent Order in the same manner and by the same procedures as for all final orders entered pursuant to Part 111, MCL 324.11101 et seq; and enforcement pursuant to Part 17 of NREPA, MCL 324.1701 et seq.
26. This Consent Order in no way affects Americhem's responsibility to comply with any other applicable state, federal, or local laws or regulations, including, without limitation, any corrective action or similar requirements applicable to the Americhem facility pursuant to NREPA, RCRA, and their rules.
27. Nothing in this Consent Order is or shall be considered to affect any liability Americhem may have for natural resource damages caused by Americhem's ownership and/or operation of the Mason facility. The State of Michigan does not waive any rights to bring an appropriate action to recover such damages to the natural resources.
28. The provisions of this Consent Order shall apply to and be binding upon the parties to this action, their officers, directors, agents, servants, employees, successors and assigns, and on those persons in active concert or participation with them who receive actual notice of the Consent Order. Americhem shall give notice of this Consent Order to any prospective successor in interest prior to transfer of ownership and shall notify the DNR of such proposed sale or transfer.

IX. TERMINATION

29. This Consent Order shall remain in full force and effect until expressly terminated by a written Notice of Termination issued by the Chief of the Waste Management Division.

Americhem may request that the Chief issue a written Notice of Termination at any time after achieving compliance with this Consent Order. Such a request shall consist of a written certification that Americhem has fully complied with all of the requirements of this Consent Order and payment of any fines and penalties required in this Consent Order. Specifically, this certification shall include:

- (i) the date of compliance with each provision of the compliance program in Section III and the date any fines or penalties were paid;
- (ii) a statement that all required information has been reported to the District Supervisor; and
- (iii) confirmation that all records required to be maintained pursuant to this Consent Order are being maintained at the facility.

Additional relevant information may also be requested by the Chief of the Waste Management Division.

SIGNATORIES

The undersigned CERTIFY they are fully authorized by the party they represent to enter into this Consent Order to comply by consent and to EXECUTE and LEGALLY BIND that party to it.

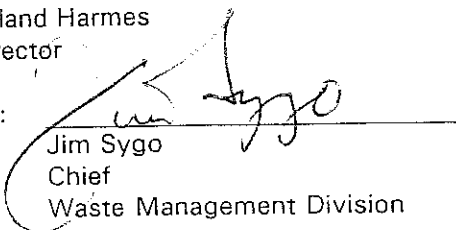
AMERICHEM CORPORATION

By: 

Date: SEPT 26, 1995

DEPARTMENT OF NATURAL RESOURCES

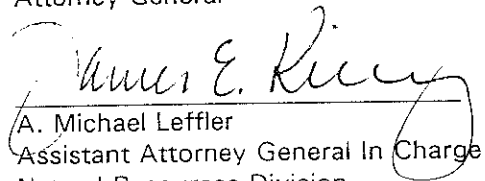
Roland Harmes
Director

By: 
Jim Sygo
Chief
Waste Management Division

Date: SEPT 26, 1995

APPROVED AS TO FORM:

Frank J. Kelley
Attorney General


A. Michael Leffler
Assistant Attorney General In Charge
Natural Resources Division
8th Floor, Mason Building
Lansing, Michigan 48913

Date: Sept 26, 1995

RECEIVED

MICHIGAN DEPARTMENT OF NATURAL RESOURCES AUG 25 1995

Interoffice Communication

Waste Management
Division

August 24, 1995

TO: Gary Tuma, Environmental Quality Analyst
Enforcement Section, WMD

FROM: Barbara Cowles, Environmental Quality Analyst *BC*
Shiawassee District Office, ERD

SUBJECT: Interim Response Activities and Sampling Criteria for
Complaints of Abandoned drums at Americhem, Mason, MI

There have been several information sources that spoke about drums of waste oil (and/or old paint, solvents, etc.) being buried on site (storage lot for trailers) at Americhem in Mason, Michigan. It is the understanding of the Environmental Response Division that addressing these complaints will be addressed under an Administrative Order by Consent (AOC) being developed between Waste Management Division and Americhem. I went out to Americhem with the Ingham County Health Department (ICHD) to follow-up on the complaint that ERD received about these buried drums. There were several areas of magnetic anomalies noted (using the ICHD metal detector) where it is possible that drums (or other metal materials) were buried.

To address these concerns raised by reports of buried waste, it will be necessary to spatially define those areas of magnetic anomalies, and then investigate the cause of the readings. Once these areas have been defined, test pits/trenches can be dug to determine what has been buried. If it is found that the metal which is responsible for the anomalous readings is scrap metal (NOT any type of container like a drum, pail, etc.); the field instrument (OVA or PID) used has no detectable readings, and; there are no stained/discolored soils or any other indication of contamination, then removing the scrap metal will be sufficient.

If the metal is old containers, these will need to be removed along with any contaminated soil. Once the excavation and removal of the impacted soil and containers is thought to be finished, soil samples per MDNR's Verification of Soil Remediation document must be completed. Soils should be sampled for a suite of constituents listed below; pesticides and herbicides are not thought to be of concern. Analyses must include volatiles, semi-volatiles, base-neutrals, phenols, PCB's and the 10 Michigan metals; As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, & Zn (leachable concentrations will be needed, if total metals are high). The specified methodologies are (from EPA's 40CFR Part 136 or SW-846) 624/8260 for volatile organics, 625 for phenols, 625/8270 for chlorinated hydrocarbons, haloethers, phthalates, PNA's, nitroaromatics & nitrosamines and 608/8081 for PCB's.

If the soil sample results obtained as per VSR guidance after excavation are above non-detect, then a workplan and schedule of activities to address further remediation work, must be developed and submitted for MDNR approval, that will satisfy the requirements of Section 20114 of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

The ICHD expressed concerns over potential impacts to the aquifer, part of the Mason Esker recharge, under Americhem. Americhem is an immediate neighbor to the Wyeth-Ayerst Company (producers of infant formula) in Mason. Wyeth-Ayerst is installing a production well capable of pumping 500,000 gallons of water per day. To address any potential groundwater impacts from the burial of unknown substances, a round of groundwater samples from the existing monitor wells should be pulled and analyzed for a full set of scans minus pesticides, herbicides and PCB's within the next 2-3 weeks. (Americhem's president, Allen Jack, states that they have never stored or used any pesticides, herbicides or PCB's.) In a phone conversation with Mr. Allen Jack on August 23, 1995, it was agreed that sampling the monitor wells at Americhem would provide current information on the quality of groundwater on site. This information would best be obtained from the monitor wells before the start up of the production well at Wyeth-Ayerst, to protect Americhem should any liability issues arise, if contaminated groundwater is found near the production well.

STATE OF MICHIGAN

NATURAL RESOURCES
COMMISSION

JERRY C. BARTNIK
KEITH J. CHARTERS
ARRY DEVUYST
PAUL EISELE
JAMES P. HILL
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JOHN ENGLER, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T MASON BUILDING, PO BOX 30028, LANSING MI 48909-7528

ROLAND HARMES, Director

REPLY TO:
WASTE MANAGEMENT DIVISION
PO BOX 30241
LANSING MI 48909-7741

June 22, 1995

CERTIFIED MAIL

Return Receipt Requested

Mr. Allen Jack, President
Americhem Corporation
340 North Street
Mason, Michigan 48854

Dear Mr. Jack:

SUBJECT: Notice of Violation, Proposed Consent Order
Americhem Corporation, MID 052 034 402

Enclosed please find a Notice of Violation and a proposed Consent Order. The Notice of Violation states the specific requirements of Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.101 et seq.; Subtitle C of the Resource Conservation and Recovery Act of 1976, as amended, 42 USC 6901 et seq.; and the rules promulgated under these statutes, which the Michigan Department of Natural Resources (DNR) alleges have been violated by Americhem Corporation (Americhem) at the above-referenced facility. The DNR proposes entry of the enclosed Consent Order as an appropriate means of resolving the violations.

Americhem is offered an opportunity to confer with the staff of the DNR regarding the Notice of Violation and proposed Consent Order on July 6, 1995 at 2:00 p.m. in the John A. Hannah Building, Conference Room A, 608 West Allegan, Lansing, Michigan.

You may also submit a written response to the Notice of Violation and proposed Consent Order at any time prior to, during, or in lieu of, the conference. The written response should state whether representatives of Americhem are planning to attend the conference or if the submittal is being made in lieu of the conference. If a written response to the Notice of Violation is not received from Americhem by the date of the conference, or if Americhem does not attend the conference, the DNR will initiate further enforcement actions.

This matter has been assigned to Mr. Gary Tuma, Enforcement Section, Waste Management Division. Please contact him at 517-335-4689 if you have any questions.

Sincerely,

Jim Sygo, Chief
Waste Management Division
517-373-9523

Enclosures

cc: Ms. Sharon Whitmer, DAG
Ms. JoAnn Merrick/Mr. Gary Tuma, DNR
Ms. Elizabeth Browne, DNR-Shiawassee

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT DIVISION

In the matter of administrative proceedings
against Americhem Corporation,
a corporation organized under the laws of
the State of Michigan and doing business at
340 North Street, City of Mason
County of Ingham, Michigan 48854

EPA ID No. MID 052 034 402

NOTICE OF VIOLATION

You are hereby notified that the Staff of the Department of Natural Resources ("DNR") has sufficient information to believe that the Americhem Corporation ("Americhem") has violated the requirements of the Michigan Natural Resources and Environmental Protection Act, 1994 PA 451 ("NREPA"), Part 111, MCL 324.11101 - 324.11152 [formerly the Michigan Hazardous Waste Management Act, 1979 PA 64, as amended, MCL 299.501 et seq.; MSA 13.30(1) et seq. ("HWMA")], and Part 31 of NREPA, MCL 324.3101 to 324.3119, [formerly the Michigan Water Resources Commission Act, 1929 PA 245, as amended, MCL 323.1 et seq.; MSA 3.521 et seq. ("WRCA")], the Resource Conservation and Recovery Act of 1976, 42 U.S.C. Section 6901 et seq. ("RCRA"), and the rules promulgated pursuant to NREPA and RCRA.

Regulatory Background

1. Pursuant to its authority under Section 105 of NREPA and Part 111, the DNR has promulgated administrative rules pertinent to the identification, generation, treatment, storage, disposal, and transportation of hazardous wastes in Michigan. The most recent version of these rules can be found in the Michigan Administrative Code, 1994 AACs, R 299.9101 - R 299.11107.
2. Pursuant to its authority under Section 105 of NREPA and Part 31, the DNR has promulgated rules necessary to implement Part 31 including the rules set forth in the Michigan Administrative Code, 1990 MAC R 323.2101, R 323.2106, and R 323.2201 - R 323.2211.
3. The U.S. Environmental Protection Agency ("U.S. EPA") first published rules concerning the identification, generation, transportation, treatment, storage, or disposal of hazardous wastes on May 19, 1980. These rules are codified at 40 CFR Parts 260 through 270. Notification to U.S. EPA of hazardous waste activity was required in most instances no later than August 18, 1980.
4. Section 3010(a) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. Section 6930(a), requires any person who generates or transports hazardous waste, or owns or operates a facility for the treatment, storage, or disposal of hazardous waste, to notify U.S. EPA of such activity within ninety (90) days of the promulgation of rules under Section 3001 of RCRA. Section 3010 of RCRA also provides that no hazardous waste subject to the rules may be transported, treated, stored, or disposed of unless the required notification has been given.

5. On October 30, 1986, the State of Michigan was granted final authorization by the Administrator of the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section 3006(b), The Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. Section 6926(b), to administer a hazardous waste program in Michigan in lieu of the federal program, 40 CFR Part 271, 51 Federal Register 36804 (October 16, 1986), as updated by 54 Federal Register 7420 (February 21, 1989), by 54 Federal Register 48608 (November 24, 1989), as updated by 55 Federal Register 18112 (May 1, 1990), by 56 Federal Register 18517 (April 23, 1991), as updated by 57 Federal Register 3724 (January 31, 1992), by 58 Federal Register 51244 (October 1, 1993), and by 60 Federal Register 3095 (January 13, 1995). Section 3008 of RCRA, 42 U.S.C. Section 6928, provides that the U.S. EPA may enforce state regulations in those states authorized to administer a hazardous waste program.
6. Section 11126 of NREPA, states that "the department shall coordinate and integrate the provisions of this part for purposes of administration and enforcement with appropriate state and federal law including ... the resource conservation and recovery act of 1976, 42 U.S.C 6901 to 6987; parts 31, 55, 115 and 121; The coordination and integration shall be effected only to the extent that it can be done in a manner consistent with the goals and policies of this part."
7. NREPA is "[a]n act to protect the environment and natural resources of the state; ... [and] to regulate the discharge of certain substances into the environment"

Factual Statement

8. Americhem is a person as defined by NREPA, Section 301(g), R 299.9106(i), and R 323.2203(c). Americhem owns and operates a facility at 340 North Street, Mason, Michigan, that generates hazardous waste, (the "Mason facility"). Americhem is a Michigan corporation.
9. On November 26, 1980, Americhem filed EPA forms 3510-1 and 3510-3 (Part A Hazardous Waste Permit Application ("Part A")) indicating Americhem's intent to treat and store hazardous waste at the Mason facility. These forms were filed with U.S. EPA pursuant to Section 3010 of RCRA. The Company's EPA I.D. No. is MID 052 034 402.
10. On July 25, 1984, Americhem requested that the U.S. EPA allow it to withdraw its Part A for the Mason facility. On September 28, 1984, the U.S. EPA granted Americhem's request for a change in status to that of a "generator accumulating waste on-site in compliance with 40 CFR 262.34."
11. On April 13, 1994, DNR Surface Water Quality Division and Waste Management Division staff conducted a joint inspection of the Mason facility in response to a complaint regarding solvent odors in the storm sewers along Mason Street. During this inspection, DNR staff discovered numerous violations of the HWMA (now, Part 111 of NREPA), RCRA, and the WRCA (now, Part 31 of NREPA) rules. On April 14, 1994, a follow-up inspection was conducted by WMD staff to obtain photographs and further investigate the Mason facility. The DNR notified Americhem of the violations in a Letter of Warning dated May 4, 1994, and requested that the violations be corrected. On May 23, 1994, Americhem responded to the May 4, 1994 Letter of Warning, and alleged the correction of several of the cited violations. On June 6, 1994, staff of the DNR sent a letter requesting the clarification of several issues regarding Americhem's waste characterizations and drum sampling procedures. Americhem responded to the DNR request on June 9, 1994. To date, several

violations remain unresolved, and the facility has not been returned to compliance. The cited violations are enumerated below; where violations are unresolved, they have been so noted.

Part 111 NREPA Violations (HWMA Violations)

12. R 299.9306(3) states, in pertinent part, that "[a] generator who accumulates hazardous waste for more than 90 days is an operator of a storage facility and is subject to the requirements of parts 5, 6, and 7 of these rules"
13. Americhem stored two (2) drums of hazardous waste (one waste drum of unknown origin, labeled as hazardous and dated 10/10/88 and another waste, mislabeled non-hazardous and dated 5/7/88), for more than ninety (90) days. Americhem stored these drums without obtaining a construction permit, an operating license, meeting the requirements for owners and operators of hazardous waste treatment, storage, and disposal facilities, or meeting the financial capability requirements of §11118 and §11122 of NREPA, and Parts 5, 6 and 7 of the Part 111 Rules. The storage of hazardous waste for over ninety (90) days, without meeting the above requirements is a violation of Part 111 of NREPA and R 299.9306.
14. R 299.9306(1) states in pertinent part:

"... [A] generator may accumulate hazardous waste on-site for 90 days or less without an operating license if he or she complies with all of the following requirements:

....

(b) The date upon which each period of accumulation begins and the hazardous waste number of the waste are clearly marked and visible for inspection on each container.

(c) While being accumulated on-site, each container and tank is labeled with the words "Hazardous Waste."
15. Americhem failed to mark the accumulation date on four (4) hazardous waste drums in violation of Part 111 of NREPA and R 299.9306(1)(b).
16. Americhem failed to mark the hazardous waste number(s) on four (4) hazardous waste drums in violation of Part 111 of NREPA and R 299.9306(1)(b).
17. Americhem failed to label three (3) containers of hazardous waste in violation of Part 111 of NREPA and R 299.9306(1)(c).
18. R 299.9306(1) states in pertinent part:

"... [A] generator may accumulate hazardous waste on-site for 90 days or less without an operating license if he or she complies with all of the following requirements:

(a) The waste is managed in accordance with 1 or more of the following methods:

(i) The waste is placed in containers, the generator complies with the provisions of 40 C.F.R. part 265, subpart I,"

(40 CFR, Subpart I, is comprised of §265.170 through §265.177 inclusive).
19. 40 CFR 265.171 states in pertinent part: "If a container holding hazardous waste is not in good condition, or if it begins to leak, the owner or operator must transfer the hazardous waste from this container to a container that is in good condition"

20. Americhem stored hazardous waste, old solvent based paints, and other liquid wastes in twenty-one (21) drums, many of which were leaking, rusted, crushed, and/or stained on the exterior with waste. Americhem's failure to store hazardous waste in containers which are in good condition and in accordance with 40 CFR 265.171, is a violation of Part 111 of NREPA and R 299.9306(1)(a).
21. 40 CFR 265.173(a) states: "A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste."
22. Americhem failed to replace the bung on one (1) drum of hazardous waste in accordance with 40 CFR 265.173, in violation of Part 111 of NREPA and R 299.9306(1)(a).
23. 40 CFR 265.174 states: "The owner or operator must inspect areas where containers are stored, at least weekly, looking for leaks and for deterioration caused by corrosion or other factors."
24. Americhem had no program for the regular inspection of the hazardous waste storage containers, and failed to detect leaking and corroded drums. Americhem's failure to make regular inspections of hazardous waste storage containers for leaks and defects, in accordance with 40 CFR 265.174, is a violation of Part 111 of NREPA and R 299.9306(1)(a).
25. R 299.9306(1) states in pertinent part:

"... [A] generator may accumulate hazardous waste on-site for 90 days or less without an operating license if he or she complies with all of the following requirements:

....

(d) The generator complies with the requirements for owners and operators in the provisions of 40 C.F.R. part 265, subpart C and D, and 40 C.F.R. §265.16"

(Subparts C and D include 40 CFR 265.30 through 265.37 and 40 CFR 265.50 through 265.56, respectively).
26. 40 CFR 265.32(c) requires that all facilities, when needed, be equipped with spill control equipment, and decontamination equipment.
27. Americhem failed to equip the Mason facility with necessary emergency equipment in accordance with 40 CFR 265.32, in violation of Part 111 of NREPA and R 299.9306(1)(d).
28. 40 CFR 265.35 states: "The owner or operator must maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency"
29. Americhem did not maintain the required aisle space in the hazardous waste accumulation area, as required by 40 CFR 265.35, in violation of Part 111 of NREPA and R 299.9306(1)(d).
30. 40 CFR 265.37 states in pertinent part:

"(a) The owner or operator must attempt to make the following arrangements, as appropriate for the type of waste handled at his facility and the potential need for the services of these organizations:

....
(3) Arrangements with ..., emergency response contractors, and equipment suppliers;
and

(4) Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

(b) Where State or local authorities decline to enter into such arrangements, the owner or operator must document the refusal in the operating record."

31. Americhem had not, at the time of the inspection, made the necessary arrangements with local emergency organizations. To date, no additional evidence has been furnished in response to the Letter of Warning that arrangements have been made. Americhem's failure to make the necessary arrangements with local emergency organizations, as required by 40 CFR 265.37, is a violation of Part 111 of NREPA and R 299.9306(1)(d).

32. 40 CFR 265.51(a) states:

"Each owner or operator must have a contingency plan for his facility. The contingency plan must be designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water."

33. Americhem failed to prepare a contingency plan, in accordance with 40 CFR 265.37, and in violation of Part 111 of NREPA and R 299.9306(1)(d). To date, this violation has not been resolved.

34. 40 CFR 265.55 states:

"At all times, there must be at least one employee either on the facility premises or on call ... with the responsibility for coordinating all emergency response measures. This emergency coordinator must be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility ... [and] this person must have the authority to commit the resources needed to carry out the contingency plan."

35. Americhem failed to designate an emergency coordinator and to assure that at all times, there was at least one (1) employee either on the premises or on call with the responsibility for coordinating all emergency response measures in accordance with 40 CFR 265.55, in violation of Part 111 of NREPA, R 299.9306(1)(d).

36. 40 CFR 265.16 states:

"(a)(1) Facility personnel must successfully complete a program of class room instruction or on-the-job training that teaches them to perform their duties in a way that ensures the facility's compliance with the requirements of this part.

....
(b) Facility personnel must successfully complete the program required in paragraph (a) of this section within ... six months after the date of their employment or assignment to a facility, or to a new position at a facility, whichever is later.

....
(c) Facility personnel must take part in an annual review of the initial training required in paragraph (a) of this section.

....
(e) Training records on current personnel must be kept until closure of the facility."

37. Americhem failed to conduct the required initial training for new employees and the annual reviews of initial training. No personnel training records were maintained, which made it impossible to determine what, if any, training had been conducted. Americhem's failure to conduct training, and maintain records in accordance with 40 CFR 265.16 is a violation of Part 111 of NREPA and R 299.9306(1)(d). To date, this violation has not been resolved.
38. R 299.9302(1) states in pertinent part: a person who generates a waste as defined in R 299.9202 shall determine if that waste is a hazardous waste.
39. During the inspections, staff determined that Americhem failed to characterize the contents of three (3) drums of waste in violation of Part 111 of NREPA, and R 299.9302.
40. R 299.9307(1) states in pertinent part: a generator shall keep records of any test results, waste analyses, or other determinations made in accordance with R 299.9302, for not less than 3 years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
41. During the inspections conducted, DNR staff determined that Americhem failed to maintain records for the waste characterization of two (2) drums of "hose oil" waste, in violation of Part 111 of NREPA and R 299.9307.
42. R 299.9311(1) states: "Generators of hazardous waste shall comply with the applicable requirements and restrictions of 40 C.F.R. part 268."
43. 40 CFR 268.7(a) states in pertinent part:

(1) If a generator determines that he is managing a restricted waste under this part and the waste does not meet the applicable treatment standards set forth in subpart D of this part or exceeds the applicable prohibition levels set forth in §268.32 or RCRA §3004(d), with each shipment of waste the generator must notify the treatment or storage facility in writing of the appropriate treatment standards ... and any applicable prohibition levels

....

(7) Generators must retain on-site a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation produced pursuant to this section for at least five years from the date that the waste that is the subject of such documentation was last sent to on-site or off-site treatment, storage, or disposal
44. Americhem failed to retain the required notices with manifests MI3041808 and MI3041807, being for 4,000 gallons and 7,100 gallons of F003 waste, respectively. Americhem's failure to retain the notices in accordance with 40 CFR 268.7(a)(7) is a violation of Part 111 of NREPA and R 299.9311.
45. 40 CFR 265.31 states: "Facilities must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste, or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment."

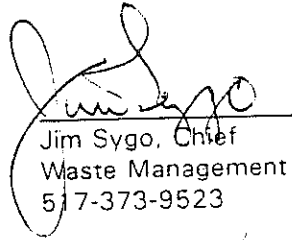
46. The Mason facility was not, and to date, is still not being maintained so as to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste, or hazardous waste constituents, in accordance with 40 CFR 265.31, and in violation of Part 111 of NREPA and R 299.9306(1)(d).

Part 31 of NREPA Violations (WRCA Violations)

47. R 323.1151(e) defines an "On-land facility" as "a temporary or permanent land-based industry, plant, establishment, firm, storage site, or other facility so situated that loss of polluting materials could directly or indirectly reach the surface or ground waters of this state"
48. R 323.1162 states, in pertinent part, "[t]he owner, operator, or manager of an oil storage or on-land facility shall file with the commission within 180 days after the effective date of these rules, or 30 days before the date of first use in case of new construction, a pollution incident prevention plan [PIPP]"
49. Americhem, and on-land facility, has failed to file a PIPP in violation of Part 31 of NREPA and R 323.1162. To date, this violation has not been resolved.
50. Section 3106 of Part 31 of NREPA states: "[t]he Department shall take all appropriate steps to prevent any pollution the department considers to be unreasonable and against public interest in view of the existing conditions in any lake, river, stream or other waters of the state."
51. Section 3112 of Part 31 of NREPA states: "(1) [a] person shall not discharge any waste or waste effluent into the waters of this state, unless the person is in possession of a valid permit from the department."
52. R 323.2106(1) states:
- (1) A person discharging wastes into the surface or groundwaters of the state or on the ground as a point source discharge, whether or not in compliance with an outstanding order of determination, final order of determination or stipulation with the commission, shall promptly make application for and obtain from the commission a valid national or state permit pursuant to section 7 or 8 of the commission act and according to procedures and deadlines set forth in these rules.
53. DNR staff have determined that the Mason facility routinely conducted vehicle washing activities outside the vehicle maintenance building, and discharged that wash water to the waters of the state, in violation of Part 31 of NREPA, and R 323.2106. This violation was the subject of a MDNR, Surface Water Quality Division Letter of Warning to Americhem dated April 15, 1994.

Conclusion

The DNR has sufficient information to believe Americhem has violated Parts 111 and 31 of NREPA, RCRA, and the rules promulgated under these statutes. A person who violates Parts 111 or 31 of NREPA, RCRA, or the rules promulgated thereunder, is subject to state or federal civil and criminal sanctions. Accordingly, a failure on the part of Americhem to timely and adequately respond to the violations cited herein may result in the commencement of administrative or judicial proceedings against the company.



Jim Sygo, Chief
Waste Management Division
517-373-9523

Dated: 6/22/1995

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT DIVISION

In the matter of administrative proceedings
against Americhem Corporation, a corporation organized
under the laws of the State of Michigan
and doing business at 340 North Street,
City of Mason, County of Ingham,
State of Michigan

WMD Order No. 111 - __ - 31 - __

EPA I.D. No. MID 052 034 402

CONSENT ORDER

This proceeding results from allegations specified in a Notice of Violation ("NOV") issued on November 22, 1995, by the Staff of the Department of Natural Resources ("DNR"). The DNR alleges that Americhem Corporation ("Americhem"), a Michigan corporation, doing business at 340 North Street, City of Mason, County of Ingham, Michigan, is in violation of the Michigan Natural Resources and Environmental Protection Act, ("NREPA"), 1994 PA 451, as amended, Part 111, MCL 324.11101 - 324.11152, [formerly the Michigan Hazardous Waste Management Act, 1979 PA 64, as amended, ("HWMA"), MCL 299.501, et seq.; MSA 13.30(1) et seq.], and Part 31, MCL 324.3101 - 324.3119 [formerly the Michigan Water Resources Commission Act, 1929 PA 245, as amended, ("WRCA"), MCL 323.1 et seq., MSA 3.521 et seq.], the Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. §6901 et seq., and the rules promulgated under these statutes. Americhem and the DNR agree to resolve the violations set forth in the NOV in this matter, and to terminate this proceeding by entry of this Consent Order.

I. STIPULATIONS

Americhem and the DNR stipulate as follows:

1. Pursuant to its authority under NREPA, the DNR has promulgated administrative rules pertinent to the identification, generation, treatment, storage, disposal, and transportation of hazardous wastes in Michigan, and the protection of the waters of the State. These rules are set forth in the Michigan Administrative Code, 1994 AACRS, R 299.9101 - R 299.11107 and 1990 MAC, R 323.2101 - R 323.2211.
2. On October 30, 1986, the State of Michigan was granted final authorization by the Administrator of the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section

3006(b), The Resource Conservation and Recovery Act ("RCRA") 42 U.S.C. Section 6926(b), to administer a hazardous waste program in Michigan in lieu of the federal program, 40 CFR Part 271, 51 Federal Register 36804 (October 16, 1986), as updated by 54 Federal Register 7420 (February 21, 1989), by 54 Federal Register 48608 (November 24, 1989), as updated by 55 Federal Register 18112 (May 1, 1990), by 56 Federal Register 18517 (April 23, 1991), as updated by 57 Federal Register 3724 (January 31, 1992), by 58 Federal Register 51244 (October 1, 1993), and by 60 Federal Register 3095 (January 13, 1995). Section 3008 of RCRA, 42 U.S.C. Section 6928, provides that the U.S. EPA may enforce state regulations in those states authorized to administer a hazardous waste program.

3. Section 11126 of NREPA, states that "The department shall coordinate and integrate the provisions of this part for the purposes of administration and enforcement with appropriate state and federal law including the ... the resource conservation and recovery act of 1976, 42 U.S.C. 6901 to 6987; parts 31, 55, 115, and 121; The coordination and integration shall be effected only to the extent that it can be done in a manner consistent with the goals and policies of this part."
4. NREPA is "[a]n act to protect the environment and natural resources of the state; ... [and] to regulate the discharge of certain substances into the environment"
5. The Director of the DNR is authorized by Sections 3112(2) and 11151(1) of NREPA to issue orders to comply. Accordingly, the Director has authority to issue and enter into this Consent Order to comply by consent with Americhem. Pursuant to delegations made under Executive Order 1991-31, the Chief of the Waste Management Division is authorized to issue and enter into this Consent Order on behalf of the DNR Director.
6. Americhem is a person as defined by Section 301 of NREPA and R 299.9106(i). Americhem owns and operates a facility at 340 North Street, Mason, Michigan, that generates hazardous waste (the "Mason facility"). Americhem is a Michigan corporation.
7. On November 26, 1980, Americhem filed EPA forms 3510-1 and 3510-3 (Part A Hazardous Waste Permit Application ["Part A"]) indicating Americhem's intent to treat and store hazardous waste at the Mason facility. These forms were filed with U.S. EPA pursuant to Section 3010 of RCRA. The Company's EPA I.D. No. is MID 052 034 402.

8. On July 25, 1984, Americhem requested that the U.S. EPA allow it to withdraw its Part A for the Mason facility. On September 28, 1984, the U.S. EPA granted Americhem's request for a change in status to that of a "generator accumulating waste on-site in compliance with 40 CFR 262.34."
9. Americhem stipulates to the issuance and entry of this Consent Order to comply by consent and stipulates that the termination of this matter by a final order to be entered as a Consent Order is proper and acceptable. This Consent Order, thus, shall be considered a final order of the DNR and shall become effective on the date it is signed by the Chief of the Waste Management Division.
10. Americhem and the DNR agree that the signing of this Consent Order is for settlement purposes only and does not constitute an admission by Americhem that the law has been violated.

II. DNR APPROVAL OF SUBMITTALS

11. For any document that is required to be submitted by Americhem to the DNR by this Consent Order, the following process and terms of approval shall apply. The DNR may approve, disapprove, or approve with specified modifications the required document. Upon DNR approval of the document, such document shall become a part of this Consent Order and shall be enforceable in accordance with the provisions of this Consent Order. In the event that the DNR disapproves the document, the DNR shall notify Americhem of the specific reasons for the disapproval in writing. Within ten (10) business days of receipt of the DNR's disapproval letter, Americhem shall amend and submit a revised document that addresses the reasons for the DNR's disapproval. Failure by Americhem to submit an approvable document within the ten (10) business day schedule shall subject Americhem to the stipulated penalty provisions of this Consent Order commencing on the date the approvable revised document was due and accumulating until an approvable document is submitted. Any delays caused by Americhem's failure to submit an approvable document shall in no way affect Americhem's responsibility to comply with any deadlines specified in this Consent Order.

III. COMPLIANCE PROGRAM

12. Americhem shall achieve and maintain compliance with all of the applicable requirements of NREPA, RCRA, and their rules, and shall achieve compliance with the requirements specified below in accordance with the following schedule:

A. Hazardous Waste Accumulation

1. On May 23, 1994, Americhem submitted documentation to the DNR sufficient to demonstrate that all hazardous wastes that had been accumulated for greater than ninety (90) days had been properly transported for disposal from the Mason facility. On and after the effective date of this Consent Order, Americhem shall not accumulate any hazardous wastes for greater than ninety (90) days in accordance with MAC R 299.9306(1).

B. Hazardous Waste Container Management

1. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that all hazardous containers were properly marked with appropriate labels, dates, and waste codes. On and after the effective date of this Consent Order, Americhem shall properly mark all hazardous waste containers in full compliance with MAC R 299.9306(1)(b) and (c).
2. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that hazardous waste containers that were not in good condition had been "overpacked" or otherwise brought into compliance and that hazardous waste containers are being stored closed. Upon and after the effective date of this Consent Order, Americhem shall maintain hazardous waste containers in full compliance with MAC R 299.9306(1)(a) and 40 CFR, Subpart I.
3. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that the Mason facility had instituted procedures to assure that weekly inspections of all hazardous waste containers would be properly performed and documented. On and after the effective date of this Consent Order, Americhem shall perform and document weekly inspections of all

hazardous waste containers in full compliance with MAC R 299.9306(1)(a) and 40 CFR 265.174.

C. Preparedness and Prevention

1. On and after the effective date of this Consent Order, Americhem shall maintain and operate the Mason facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste, or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment, in full compliance with MAC R 299.9306(1), and 40 CFR 265.31.
2. On and after the effective date of this Consent Order, Americhem shall equip the Mason facility with necessary emergency equipment, and maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment in the drum storage area, in an emergency, in accordance with MAC R 299.9306(1)(d), 40 CFR 265.32, and 40 CFR 265.35.
3. Within thirty (30) days of the effective date of this Consent Order, Americhem must submit cover letters, agreements, contracts, or other documentation sufficient to demonstrate arrangements have been made with, or refused by, emergency response contractors, equipment suppliers, local hospitals, police, and fire departments. These arrangements must meet the requirements of 40 CFR 265.37.

D. Contingency Plan

1. Within sixty (60) days of the effective date of this Consent Order, Americhem must submit for DNR review and approval, a contingency plan in accordance with 40 CFR 265.52. Within ten (10) days after receipt of DNR approval of the plan, Americhem shall implement the approved plan.
2. On and after the effective date of this Consent Order, the Mason facility must, at all times, have at least one employee either on the premises, or on call, with

the responsibility for coordinating all emergency response measures as required by 40 CFR 265.55.

E. Personnel Training

1. Within thirty (30) days of the effective date of this Consent Order, Americhem must provide documentation showing that a hazardous waste training program has been conducted which complies with the requirements of 40 CFR 265.16, and shall thereafter comply with R 299.9306(1)(d) and 40 CFR 265.16.

F. Waste Characterization and Recordkeeping

1. On and after the effective date of this Consent Order, Americhem shall determine whether any waste it generates is a hazardous waste as required by MAC R 299.9302(1).
2. On and after the effective date of this Consent Order, Americhem shall keep records of any test results, waste analyses, or other determinations made in accordance with R 299.9302, for not less than three (3) years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.

G. Land Disposal Notifications

1. On May 23, 1994, Americhem submitted documentation sufficient to demonstrate that a notification had been submitted for each hazardous waste disposal manifest examined during the complaint inspection.
2. On and after the effective date of this Consent Order, Americhem must maintain, at the Mason facility, all manifests and land disposal restriction (LDR) notices, as described in 40 CFR 268.7, verifying that shipments of wastes subject to the LDR requirements of 40 CFR 268 were accompanied by accurate LDR notices.

H. Part 31 (Act 245) Violations

1. Within thirty (30) days of the effective date of this Consent Order, Americhem must submit for DNR approval a pollution incident prevention plan (PIPP) for the Mason facility. Within ten (10) days after receipt of DNR approval of the PIPP, Americhem shall implement the PIPP.
2. On and after the effective date of this Consent Order, Americhem must cease the discharge of all waste or waste effluent, into the waters of the state, unless Americhem has a valid permit therefore from the Director.

IV. REPORTING

13. Americhem shall submit all items required in Section III to the District Supervisor, Waste Management Division, Department of Natural Resources, Shiawassee District Office, 10650 S. Bennett Drive, Morrice, Michigan, 48857. The cover letter with each submittal shall identify the specific paragraph and requirement of this Consent Order that the submittal is intended to satisfy.

V. RETENTION OF RECORDS

14. Upon request by an authorized representative of the DNR, Americhem shall make available to the DNR all records, plans, logs and other documents required to be maintained under this Consent Order or pursuant to NREPA, RCRA, and their rules. All such documents shall be retained at the Americhem facility for at least a period of three (3) years from the date of generation of the record, unless a longer period of record retention is required by NREPA, RCRA, or their rules.

VI. RIGHT OF ENTRY

15. Americhem shall allow any authorized representative or contractor of DNR, upon presentation of proper credentials, to enter upon the premises of the Mason facility, at all reasonable times, for the purpose of monitoring compliance with the provisions of this Consent Order. This paragraph in no way limits the authority of DNR to conduct tests and inspections pursuant to NREPA, and its rules, or any other applicable statutory provision.

VII. FINES and PENALTIES

16. Within thirty (30) days after entry of this Consent Order, Americhem shall pay to the State of Michigan, a civil fine in the sum of \$44,750.00. This sum is in addition to any fees, taxes, or other fines that may be imposed on Americhem by law.
17. Within thirty (30) days after the effective date of this Consent Order, Americhem shall pay to the State of Michigan, the sum of \$* in partial compensation for the costs of surveillance and enforcement.
18. For each failure to comply with the provisions of Section III of this Consent Order, Americhem shall pay stipulated penalties of \$500 per violation per day for one to seven days of violation, \$1,000 per violation per day for eight to fourteen days of violation, and \$1,500 per violation per day for each day of violation thereafter. Stipulated penalties shall be paid within thirty (30) days after written demand is made by the DNR.
19. To insure timely payment of the civil fine set forth in paragraph 16 above, Americhem shall pay an interest penalty to the state of Michigan each time it fails to make a complete or timely payment. This interest penalty shall be based on a rate of twelve (12) percent per year compounded annually, using the full increment of amount due as principal, and calculated from the due date for the payment until the delinquent payment is finally made in full.
20. Americhem shall pay the above civil fine, penalties and costs by certified or cashier's check made payable to the "State of Michigan" and delivered to the Assistant Attorney General in Charge, Natural Resources Division, Steven T. Mason Building, P.O. Box 30028, 530 W. Allegan, Lansing, Michigan, 48909.
21. Americhem agrees not to contest the legality of the civil fine or reimbursement of costs for surveillance and enforcement paid pursuant to paragraphs 16 and 17 above, respectively. Americhem further agrees not to contest the legality of any stipulated penalties or interest penalties assessed pursuant to paragraphs 18 and 19 above, respectively, but reserves the right to dispute the factual basis upon which a demand by DNR for stipulated penalties or interest penalties is made in a court of competent jurisdiction.

VIII. GENERAL PROVISIONS

22. DNR reserves the right to pursue any other remedies to which they are entitled for any failure on the part of Americhem to comply with the requirements of NREPA or its rules.
23. Notwithstanding any other provision of this Consent Order, an enforcement action may be brought by DNR pursuant to NREPA or other statutory authority where the generation, storage, transportation, treatment, or disposal of hazardous waste at the Americhem facility may present an imminent and substantial hazard to the health of persons or to the natural resources or is endangering or causing damage to the public health or the environment.
24. The DNR and Americhem consent to enforcement of this Consent Order in the same manner and by the same procedures as for all final orders entered pursuant to Part 111, MCL 324.11101 et seq; and enforcement pursuant to Part 17 of NREPA, MCL 324.1701 et seq.
25. This Consent Order in no way affects Americhem's responsibility to comply with any other applicable state, federal, or local laws or regulations, including, without limitation, any corrective action or similar requirements applicable to the Americhem facility pursuant to NREPA, RCRA, and their rules.
26. Nothing in this Consent Order is or shall be considered to affect any liability Americhem may have for natural resource damages caused by Americhem's ownership and/or operation of the Mason facility. The State of Michigan does not waive any rights to bring an appropriate action to recover such damages to the natural resources.
27. The provisions of this Consent Order shall apply to and be binding upon the parties to this action, their officers, directors, agents, servants, employees, successors and assigns, and on those persons in active concert or participation with them who receive actual notice of the Consent Order. Americhem shall give notice of this Consent Order to any prospective successor in interest prior to transfer of ownership and shall notify the DNR of such proposed sale or transfer.

IX. TERMINATION

28. This Consent Order shall remain in full force and effect until expressly terminated by a written Notice of Termination issued by the Chief of the Waste Management Division.

Americhem may request that the Chief issue a written Notice of Termination at any time after achieving compliance with this Consent Order. Such a request shall consist of a written certification that Americhem has fully complied with all of the requirements of this Consent Order and payment of any fines and penalties required in this Consent Order. Specifically, this certification shall include:

- (i) the date of compliance with each provision of the compliance program in Section II and the date any fines or penalties were paid;
- (ii) a statement that all required information has been reported to the District Supervisor; and
- (iii) confirmation that all records required to be maintained pursuant to this Consent Order are being maintained at the facility.

Additional relevant information may also be requested by the Chief of the Waste Management Division.

SIGNATORIES

The undersigned CERTIFY they are fully authorized by the party they represent to enter into this Consent Order to comply by consent and to EXECUTE and LEGALLY BIND that party to it.

AMERICHEM CORPORATION

DEPARTMENT OF NATURAL RESOURCES

Roland Harmes
Director

By: _____

By: _____
Jim Sygo
Chief
Waste Management Division

Date: _____, 1995

Date: _____, 1995

APPROVED AS TO FORM:
Frank J. Kelley
Attorney General

A. Michael Leffler
Assistant Attorney General In Charge
Environmental Protection Division
720 Law Building
Lansing, Michigan 48913

Date: _____, 1995

August 14, 1985

Mr. L. Allen Jack
Vice President
Americhem Corporation
340 North Street
Mason, MI 48854

Re: ~~MID 053846514~~
MID 052034402

Dear Mr. Jack:

On August 13, 1985, an inspection was conducted by the staff of Department of Natural Resources (MDNR), acting as an agent of the United States Environmental Protection Agency. This inspection showed that your facility does not generate hazardous waste regulated under the Resource Conservation and Recovery Act (RCRA), as amended. Attached is a copy of the inspection report.

Of course, if your facility does generate or accumulate quantities of hazardous waste large enough to be regulated under the Act you are subject to all applicable regulations including inspections by our staff.

Should you have any questions, please contact us.

Sincerely,

HAZARDOUS WASTE DIVISION

Leroy Vahovick
Leroy Vahovick
Water Quality Specialist
517-322-1687

DNR - Region III
P.O. Box 30028
Lansing, MI 48909

LV/ms

Attachment

cc: U.S. EPA ✓

STATE IDENTIFICATION NUMBER
(If Applicable)

MID052034402
EPA IDENTIFICATION NUMBER
262.12

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
Form B Generator Inspection*
(40 CFR Part 262)

I. General Information:*

(A) Installation Name: AMERICHEM
(B) Street: 340 North ST. #
(C) City: MASON (D) State: MI (E) Zip Code: 48854
(F) Phone: 517-676-9363 (G) County: Ingham
(H) Date of Inspection: 4-7-82 Time of Inspection (From) 10AM (To) 10:10 AM
(I) Weather Conditions: Partly cloudy, COLD

(J) Person(s) interviewed	Title	Telephone
<u>Kermit WHEELER</u>	<u>PURCHASING AGENT</u>	<u>517-676-9363</u>
_____	_____	_____
_____	_____	_____

(K) Inspection Participants	Agency/Title	Telephone
<u>RICHARD LUNDGREN</u>	<u>MDNR / W. & P. SPECIALIST</u>	<u>517-373-2794</u>
<u>Robert T La Mere</u>	<u>SAME</u>	<u>SAME</u>
_____	_____	_____
_____	_____	_____

(L) Preparer Information

Name	Agency/Title	Telephone
<u>R. LUNDGREN</u>	<u>SAME</u>	<u>SAME</u>

Do not use this form if Generator is also a treatment, storage, and/or disposal facility.
Complete form "A" if the Generator is also a TSD facility.

II. BRIEFLY DESCRIBE SITE ACTIVITY

Site does not generate any hazardous waste. At one time received waste solvents from other companies. They have discontinued this practice and indicated that they notified EPA that they want to ~~be~~ withdraw from any hazardous waste activity. I will request a copy of the letter Mr. Wheeler wrote to EPA requesting Americhem to be withdrawn from classification as a hazardous waste facility.

III. MANIFEST REQUIREMENTS (Subpart B)

-) Does the operator have copies of the manifest available for review?
262.23(a)3
- (B) Do the manifest forms reviewed contain the following information:
(If possible, make copies of, or record information from, manifests that do not contain the critical elements)
1. Manifest document number?
262.21(a)1
 2. Name, mailing address, telephone number, and EPA ID number of Generator?
262.21(a)2
 3. Name and EPA ID Number of Transporter(s)?
262.21(a)3
 4. Name, Address, and EPA ID Number of Designated permitted facility and alternate facility?
262.21(a)4

Yes No NI* Remarks

Remainder of forms
not applicable.

STATE IDENTIFICATION NUMBER
(If Applicable)

MID052034402
EPA IDENTIFICATION NUMBER

265.11

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form A - General Facility Standards

122.7(i)

I. General Information:

(265.74)

- (A) Facility Name: Americhem Corp.
(b) Street: 340 North St.
(C) City: Mason (D) State: MI (E) Zip Code: 48854
(F) Phone: (517) 676-9363 (G) County: Ingham
(H) Operator: _____
(I) Street: _____
(J) City: _____ (K) State: _____ (L) Zip Code: _____
(M) Phone: _____ (N) County: _____
(O) Owner: Ward Tigner / Robert Galambos
(P) Street: same as above
(Q) City: _____ (R) State: _____ (S) Zip Code: _____
(T) Phone: _____ (U) County: _____
(V) Date of Inspection: 9/29/81 (W) Time of Inspection (From) 9:30 (To) 10:15
(X) Weather Conditions: Overcast 50°

See "Remarks"

Rev. 1-26-81/J.B.

(Y) Person(s) Interviewed

Title

Telephone

Paul Bauman

Sales Mgr.

(517) 676-9363

(Z) Inspection Participants

Agency/Title

Telephone

(AA) Preparer Information

Name

Agency/Title

Telephone

Karen Kligman

DNR / Environ.
San

(517) 332-1306

II. SITE ACTIVITY:

Complete sections I through VII for all treatment, storage, and/or disposal facilities. Complete the forms (in parenthesis) in section VIII corresponding to the site activities identified below:

 A. Storage and/or Treatment

1. Containers (I)
2. Tanks (J)
3. Surface Impoundments (K)
4. Waste Piles (L)

 B. Land Treatment (M)

 C. Landfills (N)

 D. Incineration and/or Thermal Treatment
(O and P)

 E. Chemical, Physical, and Biological
Treatment (Q)

Note: If facility is also a generator or transporter of hazardous waste complete sections IX and X of this form as appropriate.

REMARKS

Use this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

Facility used to store drums from other facilities until large enough volume was reached to have it removed from site. Now, however, they have chosen to eliminate this service. They plan on notifying the EPA of their intent to withdraw from their status as a hazardous waste storage facility.

Have they done this yet?

Presently the only wastes on site are 7 55-gallon drums of a paint sludge.

Was this generated by the company or drums from other companies?

How long have these drums been stored on site?

The company is a distributor of solvents and chemicals. They also do compounding of oil products/lubricants.

They haven't picked up wastes (or stored any on the site) in over one year.

